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NEW HAMPSHIRE AGRICULTURAL
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OPERATING COSTS OF RETAIL GRAIN STORES IN NEW HAMPSHIRE

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By R. H. SINCAR

UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.

INSPECTION OF COMMERCIAL FEEDING STUFFS

Made for the
STATE DEPARTMENT OF AGRICULTURE

The inspection of commercial feeding stuffs reported in this bulletin was made under the direction of Honorable Andrew L. Felker, Commissioner of Agriculture. Mr. E. D. Sanborn, State Inspector, collected samples of 390 brands of feeding stuffs which were offered for sale in the State during the year ending May, 1931.

THE LAW

The New Hampshire law, entitled an Act to Regulate the Sale of Concentrated Commercial Feeding Stuffs, requires every manufacturer or dealer who shall sell or offer for sale any concentrated commercial feeding stuff to furnish with each package a clearly printed statement certifying the net weight of the feed contained in the package, the brand name or trademark under which the feed is sold, the name and address of the manufacturer, the ingredients of which the feed is composed, and a chemical analysis stating the minimum percentage only of protein, fat and carbohydrates, and the maximum percentage only of crude fiber. The chief purposes of the law are to protect the consumer against the careless or dishonest manufacturer and to enable him to buy more economically the feeds best suited to his needs. It requires that full information be available to the purchaser both as to the guaranteed analysis of the feed and the materials of which it is composed. The law when properly enforced prevents misbranding, adulteration and other fraudulent practices. The dealer who offers for sale a feeding stuff which has not been registered or which is not guaranteed in compliance with the law does not merit the consumer's patronage. The consumer's cooperation in refusing to buy any feed which does not conform to the law in every respect will not only help in the enforcement of the law but will at the same time afford himself its protection. The State official charged with the enforcement of the feeding stuffs law is the Commissioner of Agriculture.

CLASSIFICATION

In classifying the feeding stuffs here reported the class name under which they were offered to the consumer has been used. Table 1 shows the number in each class, the average price per 100 pounds, the average per cent of protein, the number of pounds of protein per $1.00, the number deficient by one-half per cent protein, the average per cent of fat, the number of pounds of fat per $1.00, and the number deficient by one-fourth per cent.

TABLE I.

Class	Number in Class	Average price per 100 pounds	Average per cent protein	Pounds of protein per $1.00	Number deficient ½ per cent protein	Average per cent fat	Pounds of fat per $1.00	Number deficient ¼ per cent fat
Alfalfa Meal	3	2.87	17.71	6.17	2	1.95	0.69	1
Beet Pulp	1	1.75	10.15	5.80	0	0.50	0.28	0
Brewers' Dried Grains	2	1.75	22.90	13.09	0	5.74	3.28	0
Calf Meal	5	5.00	23.22	4.64	2	4.40	0.88	1
36% Cottonseed Meal	8	1.98	36.85	18.61	3	5.80	2.93	0
41% Cottonseed Meal	5	2.03	40.99	20.16	2	6.40	3.15	1
43% Cottonseed Meal	4	2.05	41.95	20.48	2	6.17	3.01	0
Dairy Feed	112	2.13	21.20	9.10	4	4.40	2.07	15
Distillers' Dried Grains	1	2.50	27.43	10.97	1	10.21	4.06	0
Fish Meal	4	4.57	55.86	12.22	0	4.55	1.00	0
Gluten Feed	6	2.08	26.09	12.56	0	2.57	1.24	0
Hog Feed	2	2.39	19.80	8.28	0	4.57	1.91	0
Hominy Feed	6	1.95	10.49	5.38	0	6.62	3.34	0
Linseed Meal	10	2.35	35.95	15.30	0	6.19	2.63	0
Malt Sprouts	1	1.90	25.04	13.18	0	1.31	0.69	1
Meat and Bone Scrap	16	3.83	50.79	13.26	4	11.09	2.90	2

Milk Products	7	7.79	30.81	3.96	1	0.84	0.11	5
Oat Feed	1	1.25	3.81	3.05	1	1.38	1.10	0
Poultry Feed	76	2.91	19.13	6.58	2	4.92	1.69	5
Rabbit Feed	2	3.08	16.66	5.41	0	4.13	1.34	0
Rye Feed	1	1.15	16.73	14.55	0	3.66	3.18	0
Screenings	3	1.27	15.02	11.83	0	6.11	4.81	0
Soybean Meal	1	3.00	42.73	14.24	0	4.66	1.55	0
Stock Feed	16	1.73	9.55	5.52	0	3.77	2.18	1
Wheat Bran	33	1.53	16.16	10.56	0	4.79	3.13	0
Wheat Middlings	24	1.74	16.61	9.55	3	4.67	2.68	2
Wheat Mixed Feed	23	1.81	16.66	9.20	0	4.55	2.51	3
Wheat Red Dog Flour	8	1.83	17.94	9.80	1	4.10	2.24	1
Wheat Shorts	9	1.49	17.82	11.96	0	5.64	3.78	0
	390				28			38

NUMBER OF SAMPLES FAILING TO COMPLY WITH THE LAW.

Only 206 of the 390 brands analyzed, complied with the law in every respect. The 184 which did not fully comply with the law violated it on 223 counts. Thirty-five brands or 9.0 per cent were deficient in protein; 28 of these or 7.2 per cent were deficient one-half per cent or more. Sixty-one brands or 15.6 per cent were deficient in fat; 38 of these or 9.7 per cent were deficient one-fourth per cent or more. Twenty-one brands contained an excessive amount of crude fiber. Sixty-one brands were deficient in carbohydrates. Forty-four brands were offered for sale without a carbohydrate guarantee and one brand without a fat guarantee. In the tabulation of the analytical data deficiencies of one-half per cent or more of protein and of one-fourth per cent or more of fat are shown in italics.

REQUESTS FOR THE ANALYSIS OF FEEDING STUFFS BY INDIVIDUALS.

Under the Feeding Stuffs Law the Agricultural Experiment Station is charged only with the analysis of samples of feeding stuffs collected by the State Inspector under the direction of the Commissioner of Agriculture. It does, however, each year analyze a considerable number of samples drawn by individuals representing stock purchased by them for their own use. The object of the purchaser who asks to have the sample analyzed is usually to satisfy himself as to whether or not the feed meets its guarantee and if it does not, to obtain evidence upon which to base a claim for shortage.

The Station can assume no responsibility for the sampling of these unofficial samples but can only vouch for the accuracy of the results obtained on the sample as submitted. With certain feeding stuffs it is practically impossible to take a representative sample without the aid of a sampling tube and other equipment. Since a representative sample is as essential as an accurate analysis in judging the value of a shipment of feed it is evident that a satisfactory adjustment can seldom be effected on the basis of an unofficial sample.

Nothwithstanding the objections which may be raised to the analysis of samples taken without proper sampling equipment, the Station is disposed to continue this work as long as there is evidence that it constitutes a useful service. The samples so submitted should be drawn from at least ten bags in a manner which will insure that the small lot sent for analysis is as accurately representative as possible of the larger lot from which it is taken. Because of the cost of labor and materials an analysis is not usually warranted on a sample drawn from less than a one ton lot of feed.

A one pound sample is sufficient for the analysis. It should be sent in a glass jar or tin box to prevent the loss of fine particles and a change in the moisture content. In order that the department may know whether or not the manufacturer and the dealer are complying with the requirements of the law the following information should be submitted concerning each sample.

Brand .....

Manufacturer .....

Address .....

Guarantee:

Protein .....

Fat .....

Carbohydrates .....

Moisture .....

Ash .....

Crude Fiber .....

Ingredients .....

.....

.....

Dealer .....

Address .....

Number of bags in lot .....

Number of bags sampled .....

Price per 100 pounds .....

Your name .....

Your address .....

Your reason for requesting analysis .....

.....

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
ALFALFA MEAL								
Con-Mil-Co. Alfalfa Poultry Greens	G.	20.00	3.00	.....	.....	.....	18.00	
Consolidated Milling Co.	F.	*19.32*	*1.77*	59.81	10.66	8.44	.....	
San Francisco, Calif.								
Pecos Special Alfalfa Meal	G.	12.00	1.50	71.00	.....	.....	35.00	
Pecos Valley Alfalfa Mill Co.	F.	15.19	1.52	67.23	9.12	6.94	.....	
Hagerman, New Mexico								
Greenleaf Alfalfa Leaf Meal	G.	20.00	2.50	60.00	.....	.....	20.00	
Urbana Mills Co.	F.	*18.62*	2.57	55.91	12.92	9.98	.....	
Urbana, Ohio								
BEET PULP								
Dried Beet Pulp	G.	8.00	0.50	78.00	.....	.....	20.00	
Menominee River Sugar Co.	F.	10.15	0.50	78.69	2.98	7.68	.....	
Green Bay, Wis.								
BREWERS' DRIED GRAINS								
Hiquality Brewers' Dried Grains	G.	20.00	5.00	.....	.....	.....	19.00	
Donahue-Stratton Co.	F.	20.44	5.09	61.71	4.29	8.47	.....	
Milwaukee, Wis.								
Bull Brand Dried Brewers' Grains	G.	22.00	6.00	.....	.....	.....	15.00	
Farmers' Feed Co.	F.	25.35	6.38	57.24	3.12	7.91	.....	
Buffalo, N. Y.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
CALF MEAL								
Blatchford's Calf Meal	G.	24.00	5.00	53.00	.....	.....	6.75	Locust bean meal, unpressed flax seed, blood flour, rice polish, fish meal, old process linseed meal, milk albumen, barley meal, bone meal, wheat flour, cocoanut oil meal, cottonseed meal, foenugreek, anise, salt.
Blatchford Calf Meal Co.	F.	25.83	4.56	52.14	7.32	10.15	5.59	
Waukegan, Ill.								
Elmore Three Point Calf Meal	G.	24.00	4.00	45.00	.....	.....	4.00	Red dog wheat flour, corn feed meal, old process linseed meal, oat meal, malted barley, blood meal, dried buttermilk, bone meal, salt.
Elmore Milling Co.	F.	24.10	3.86	56.41	4.51	11.12	2.73	
Oneonta, N. Y.								
Red Horn Calf Meal	G.	18.00	4.00	55.00	.....	.....	5.00	Corn flour, oat flour, wheat red dog flour, linseed meal, barley malt, dried buttermilk, calcium carbonate, salt, bone meal, charcoal.
Hales & Hunter Co.	F.	15.76	4.00	66.74	3.54	9.96	4.26	
Chicago, Ill.								
Purina Calf Chow Feed	G.	27.00	3.20	55.00	.....	.....	4.50	Dried skim milk, blood flour, linseed flour, corn gluten meal, corn meal, second clear wheat flour, ½% bone meal, 1% calcium carbonate, ½% salt.
Purina Mills	F.	28.76	3.48	53.12	4.15	10.49	3.60	
Buffalo, N. Y.								
Wirthmore Calf Meal	G.	24.00	5.50	55.00	.....	.....	4.00	Dried skim milk, oat meal, flax seed, blood flour, old process linseed meal, wheat red dog flour, corn meal, bone meal, salt.
St. Albans Grain Co.	F.	21.66	6.12	57.11	4.94	10.17	2.94	
St. Albans, Vt.								
36% COTTONSEED MEAL								
Paramount Brand Prime Cottonseed Meal	G.	36.00	5.00	27.00	.....	.....	14.00	
Ashcraft-Wilkinson Co.	F.	41.46	6.41	38.62	6.23	7.28	.....	
Atlanta, Ga.								

Owl Brand 36% Prime Cotton Seed Meal	G.	36.00	5.00	28.00	.....	.....	14.00	
F. W. Brode Corp.	F.	38.13	6.08	42.30	5.94	7.55	.....	
Memphis, Tenn.								
Casco Brand Cotton Seed Meal	G.	36.00	5.50	44.00	.....	.....	14.00	
Case Commission Co.	F.	36.25	5.63	44.59	5.30	8.23	.....	
Jackson, Miss.								
Nina Columbus Brand Cottonseed Meal	G.	36.00	5.50	27.00	.....	.....	14.00	
Dan Joseph Co.	F.	*35.14*	5.81	46.27	5.30	7.48	.....	
Columbus, Ga.								
Danish Brand Cotton Seed Feed	G.	36.00	5.00	25.00	.....	.....	15.00	Cottonseed meal, cottonseed hulls.
Humphreys-Godwin Co.	F.	36.64	5.51	44.73	5.81	7.31	.....	
Memphis, Tenn.								
Lovit Brand 36% Cotton Seed Meal	G.	36.00	5.00	40.00	.....	.....	15.00	
L. B. Lovit & Co.	F.	*34.59*	5.39	46.40	5.51	8.11	.....	
Memphis, Tenn.								
Durham Thirty-Six Cotton Seed Meal	G.	36.00	5.00	28.50	.....	.....	14.00	
Memphis Cotton Seed Products Co.	F.	*34.46*	6.21	45.85	5.47	8.01	.....	
Memphis, Tenn.								
Scoco Cottonseed Meal	G.	36.00	5.50	.....	.....	.....	15.00	
Southern Cotton Oil Co.	F.	38.17	5.32	43.27	5.61	7.63	.....	
Charlotte, N. C.								
41% COTTONSEED MEAL								
Helmet Brand Prime Cotton Seed Meal	G.	41.00	5.50	26.00	.....	.....	10.00	
Ashcraft-Wilkinson Co.	F.	41.37	5.99	40.01	6.36	6.27	.....	
Atlanta, Ga.								
Owl Brand 41% Prime Cotton Seed Meal	G.	41.00	5.00	26.00	.....	.....	10.00	
F. W. Brode Corp.	F.	*40.02*	6.68	40.96	6.06	6.28	.....	
Memphis, Tenn.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
41% COTTONSEED MEAL (Continued)								
Heflin 41% Brand Prime Cottonseed Cake or Meal	G.	41.00	5.00	40.00	.....	.....	14.00	
R. L. Heflin, Inc.	F.	*39.14*	6.60	40.68	5.96	7.62	.....	
Sherman, Texas								
Dixie Brand Cottonseed Meal	G.	41.12	5.00	26.00	.....	.....	10.00	
Humphreys-Godwin Co.	F.	42.60	6.52	38.30	6.16	6.42	.....	
Memphis, Tenn.								
Cottonseed Meal 41% Protein	G.	41.00	6.50	36.00	.....	.....	11.00	
Purina Mills	F.	41.81	*6.20*	37.52	5.99	8.48	.....	
St. Louis, Mo.								
43% COTTONSEED MEAL								
Monarch Brand Prime Cotton Seed Meal	G.	43.00	6.00	25.00	.....	.....	10.00	
Asheraft-Wilkinson Co.	F.	*41.74*	6.61	38.54	6.53	6.58	.....	
Atlanta, Ga.								
Owl Brand 43% Prime Cotton Seed Meal	G.	43.00	5.00	26.00	.....	.....	10.00	
F. W. Brode Corp.	F.	*40.50*	6.16	39.96	6.24	7.14	.....	
Memphis, Tenn.								
Bull Brand Cottonseed Meal	G.	43.00	5.00	26.00	.....	.....	10.00	
Humphreys-Godwin Co.	F.	42.73	5.74	38.39	6.20	6.94	.....	
Memphis, Tenn.								
Superior Quality Cottonseed Cake and Meal	G.	43.00	6.00	35.00	.....	.....	12.00	
Superior Cake & Meal Co.	F.	42.82	6.17	36.46	6.79	7.76	.....	
Kansas City, Mo.								

DAIRY FEED								
Amco 24% Dairy Ration Allied Mills, Inc. Chicago, Ill.	G. F.	24.00 25.04	4.00 3.79	49.00 53.12	..... 7.59	..... 10.46	9.00 7.94	Corn gluten feed, corn gluten meal, cottonseed meal, old process linseed meal, wheat bran, hominy feed, corn meal, oats, malt grains, soybean meal, barley, wheat, molasses, bone meal, limestone, salt.
Amco 20% Dairy Ration Allied Mills, Inc. Chicago, Ill.	G. F.	20.00 21.71	3.50 3.34	54.00 57.57	..... 7.10	..... 10.28	9.00 8.41	Corn gluten feed, corn gluten meal, cottonseed meal, old process linseed meal, wheat bran, hominy, corn meal, oats, malt grains, soybean meal, barley, wheat, molasses, bone meal, limestone, salt.
Amco 12% Fitting Ration Allied Mills Inc. Chicago, Ill.	G. F.	12.00 12.78	3.00 3.24	59.00 65.88	..... 6.37	..... 11.73	9.00 7.71	Old process linseed meal, wheat bran, corn meal, oats, barley, wheat, molasses, bone meal, limestone, salt.
Wayne 20% Sucrene Dairy Feed Allied Mills Inc. Chicago, Ill.	G. F.	20.00 20.18	3.50 5.21	52.50 55.34	..... 8.69	..... 10.58	12.50 11.80	Soybean meal, cottonseed meal, wheat bran, flax screenings, wheat, corn, oats, barley, molasses, 1% limestone, 1% salt.
June Pasture Allied Mills Inc. Chicago, Ill.	G. F.	10.00 12.56	0.50 0.71	66.00 66.61	..... 10.45	..... 9.67	21.00 20.62	Alfalfa meal, beet molasses.
Bailey's Fitting Ration Sweetened E. W. Bailey & Co. Montpelier, Vt.	G. F.	14.00 14.25	4.00 4.59	62.00 63.91	..... 5.14	..... 12.11	9.00 7.63	Corn meal or hominy feed, oats, bran, linseed meal, molasses, bone meal, salt.
Capital Dairy Ration Sweetened E. W. Bailey & Co. Montpelier, Vt.	G. F.	24.00 25.22	5.00 5.00	55.00 52.36	..... 6.96	..... 10.46	9.00 7.24	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, calcium carbonate, salt, molasses.
Favorite Dairy Ration Sweetened E. W. Bailey & Co. Montpelier, Vt.	G. F.	20.00 21.45	4.50 4.58	55.00 56.96	..... 6.35	..... 10.66	7.50 6.82	Hominy feed, cottonseed meal, linseed meal, corn meal, oats, wheat bran, corn gluten feed, wheat middlings, bone meal, calcium carbonate, salt, molasses.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
DAIRY FEED (Continued)								
Barco 24% Dairy Ration	G.	24.00	5.00	55.00	.....	.....	9.00	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, calcium carbonate, salt.
G. N. Bartemus Co.	F.	24.25	*4.46*	54.50	7.55	9.24	7.88	
Concord, N. H.								
Barco 20% Dairy Ration	G.	20.00	4.50	55.00	.....	.....	7.50	Hominy feed, cottonseed meal, linseed meal, corn meal, oats, wheat bran, corn gluten feed, wheat middlings, bone meal, calcium carbonate, salt.
G. N. Bartemus Co.	F.	20.48	4.54	58.49	6.70	9.79	7.42	
Concord, N. H.								
Barco 16% Dairy Ration	G.	16.00	5.00	60.00	.....	.....	9.00	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, bone meal, calcium carbonate, salt.
G. N. Bartemus Co.	F.	16.93	5.31	60.91	6.62	10.23	7.98	
Concord, N. H.								
Barco 24% Sweetened Dairy Ration	G.	24.00	5.00	55.00	.....	.....	9.00	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, calcium carbonate, salt.
G. N. Bartemus Co.	F.	23.59	*4.11*	54.80	7.27	10.23	7.48	
Concord, N. H.								
Barco 20% Sweetened Dairy Ration	G.	20.00	4.50	55.00	.....	.....	7.50	Hominy feed, cottonseed meal, linseed meal, corn meal, oats, bran, corn gluten feed, middlings, bone meal, calcium corbonate, salt.
G. N. Bartemus Co.	F.	23.60	5.18	54.17	6.93	10.12	7.25	
Concord, N. H.								
Colby Bros. Fitting Ration	G.	15.00	4.00	63.75	.....	.....	13.20	Bran, hominy, oats, linseed, charcoal, salt, lime, bone meal.
G. N. Bartemus Co.	F.	18.38	4.54	61.30	6.22	9.56	8.92	
Concord, N. H.								
Colby Bros. Dairy Ration	G.	20.00	4.00	55.50	.....	.....	10.50	Linseed, bran, hominy, gluten, oats, cotton-seed meal, brewers' grains, salt, charcoal, lime, bone meal.
G. N. Bartemus Co.	F.	22.81	4.85	57.37	6.03	8.94	9.89	
Concord, N. H.								

Concord 20% Sweetened Ration G. N. Bartemus Co. Concord, N. H.	G. F.	20.00 20.40	3.00 3.60	45.00 58.15	..... 7.18	..... 10.67	9.00 7.22	Gluten feed, cottonseed meal, linseed meal, bone meal, salt, bran, hominy, brewers' grains, molasses, limestone.
Dunbar's Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. F.	22.00 25.96	4.50 5.56	48.00 53.70	..... 5.75	..... 9.03	10.00 9.50	Wheat bran, linseed meal, cottonseed meal, brewers' grains, oats, hominy, gluten meal, bone meal, charcoal, calcium carbonate, salt.
Auburn Dairy Feed Beacon Milling Co. Cayuga, N. Y.	G. F.	20.00 21.80	4.00 5.21	45.00 55.75	..... 7.62	..... 9.62	10.00 8.53	Corn gluten feed, old process linseed meal, oats, corn meal, grain screenings, cottonseed meal, wheat bran, malt sprouts, barley, molasses, 1% salt, 1% calcium carbonate, 1% calcium phosphate.
Beacon "20" Beacon Milling Co. Cayuga, N. Y.	G. F.	20.00 21.68	4.50 5.04	50.00 57.37	..... 6.57	..... 9.34	9.00 8.21	Old process linseed meal, cottonseed meal, soybean meal, corn gluten feed, corn gluten meal, corn meal, wheat bran, alfalfa meal, distillers' dried grains, oats, barley, 1% salt, 1% calcium phosphate, 1% calcium carbonate.
Beacon Dairy Ration Beacon Milling Co. Cayuga, N. Y.	G. F.	24.00 25.83	4.50 6.10	49.00 50.49	..... 8.22	..... 9.36	9.00 9.39	Old process linseed meal, soybean meal, corn gluten feed, distillers' dried grains, barley, corn gluten meal, hominy feed, corn meal, cottonseed meal, alfalfa meal, wheat bran, wheat middlings, 1% calcium carbonate, 1% calcium phosphate, 1% salt.
Beacon Sweet 24 Beacon Milling Co. Cayuga, N. Y.	G. F.	24.00 25.41	4.00 4.29	55.00 53.37	..... 7.01	..... 9.92	9.00 8.93	Old process linseed meal, corn gluten meal, cottonseed meal, corn gluten feed, corn meal, malt sprouts, distillers' dried grains, wheat bran, oats, barley, molasses, 1% salt, 1% calcium carbonate.
Belkco Dairy Ration Belknap County Farmers' Exchange Laconia, N. H.	G. F.	20.00 22.20	4.50 4.67	53.00 56.05	..... 7.10	..... 9.98	8.00 7.65	Corn meal, wheat bran, wheat middlings, oats, cottonseed meal, old process linseed meal, corn gluten feed, 1% calcium carbonate, 1% bone meal, 1% salt.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
DAIRY FEED (Continued)								
Bidwell 20% Dairy Ration	G.	20.00	4.00	50.00	.....	.....	11.00	Wheat bran, linseed meal, oat feed, oat hulls, oat shorts, oat middlings, gluten feed, barley, cottonseed meal, grain screenings, molasses, calcium carbonate, salt.
Black Rock Milling Corp.	F.	21.19	5.05	55.64	7.91	10.21	11.43	
Buffalo, N. Y.								
Coweco 1925 Ration	G.	24.00	4.50	45.00	.....	.....	10.00	Wheat bran, wheat middlings, corn meal, cottonseed meal, gluten feed, linseed meal, hominy, oats, molasses, calcium carbonate, salt.
E. A. Cowee Co.	F.	24.45	3.93	54.43	6.86	10.33	9.65	
Fitchburg, Mass.								
Coweco 20% Ration	G.	20.00	4.00	45.00	.....	.....	10.00	Wheat bran, corn meal, cottonseed meal, wheat middlings, gluten feed, oats, linseed meal, brewers' grains, bone meal, calcium carbonate, salt, molasses.
E. A. Cowee Co.	F.	21.14	4.00	58.98	5.90	9.98	9.23	
Fitchburg, Mass.								
Crosby's 22% Dairy Feed	G.	22.00	4.00	44.00	.....	.....	14.00	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, salt.
Crosby Milling Co.	F.	22.29	4.37	56.83	6.72	9.79	11.90	
Brattleboro, Vt.								
Crosby's Balanced Ration	G.	25.00	4.75	55.00	.....	.....	9.00	Cottonseed meal, old process linseed meal, corn gluten meal, corn distillers' grains, corn gluten feed, wheat middlings, dried brewers' grains, corn meal, oats, wheat bran, bone meal, salt.
Crosby Milling Co.	F.	25.16	4.84	52.75	7.07	10.18	8.80	
Brattleboro, Vt.								

Crosby's Ready Ration Crosby Milling Co. Brattleboro, Vt.	G. F.	20.00 21.80	5.00 5.25	59.00 56.05	..... 5.81	..... 11.09	8.50 8.29	Corn gluten feed, linseed meal, cottonseed meal, corn meal, wheat bran, wheat middlings, mill run screenings, oats, corn gluten meal, corn distillers' dried grains, brewers' dried grains, bone meal, ¾% salt.
Champion Dairy Ration G. B. Currier Co. Colebrook, N. H.	G. F.	23.00 24.08	5.00 5.68	50.00 53.75	..... 5.76	..... 10.73	11.00 9.81	Bran, cottonseed meal, gluten feed, gluten meal, linseed meal, oats, hominy, brewers' dried grains, distillers' grains, middlings, ¾% salt, bone meal.
C. Dairy J. Cushing Co. Fitchburg, Mass.	G. F.	17.00 20.11	4.00 4.21	53.00 60.01	..... 6.19	..... 9.48	9.00 7.93	Corn meal, wheat bran, oats, gluten feed, gluten meal, cottonseed meal, linseed meal, 2% lime, 1½% salt.
Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. F.	24.00 24.51	4.00 4.26	53.00 54.36	..... 7.40	..... 9.47	11.00 7.93	Bran, brewers' grains, oats, corn meal, copra meal, linseed meal, gluten feed, cottonseed meal, soybean meal, molasses, bone meal, limestone, salt.
Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. F.	20.00 21.10	4.00 4.17	53.00 57.14	..... 8.06	..... 9.53	10.00 9.89	Wheat bran, corn gluten feed, wheat middlings, brewers' grains, molasses, cottonseed meal, soybean meal, corn feed meal, oats, cocoanut oil meal, old process linseed meal, wheat screenings, bone meal, 1% calcium carbonate, 1% salt.
Vigor Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. F.	16.00 17.16	3.00 3.51	45.00 62.54	..... 7.98	..... 8.81	11.00 11.94	Wheat bran, brewers' grains, copra meal, linseed meal, gluten feed, soybean meal, grain screenings, molasses, bone meal, limestone, cottonseed meal, salt.
Delco Sweet 20% Dairy Feed Delaware Mills Deposit, N. Y.	G. F.	20.00 20.09	4.50 4.42	50.00 56.76	..... 7.24	..... 11.49	10.00 9.16	Molasses, linseed meal, corn gluten feed, corn gluten meal, cottonseed meal, soybean meal, copra meal, peanut meal, wheat bran, wheat middlings, hominy feed, oats, barley, calcium phosphate, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
DAIRY FEED (Continued)							
Delaware Sweet 24% Dairy Feed Delaware Mills Deposit, N. Y.	G. 24.00 F. *21.89*	4.50 *4.11*	50.00 54.75	..... 8.17	..... 11.08	10.00 10.00	Molasses, corn gluten feed, corn gluten meal, linseed meal, cottonseed meal, soybean meal, copra meal, hominy feed, corn meal, wheat bran, wheat middlings, salt, calcium phosphate.
Eastern's Big Value Dairy Ration Eastern Grain Co. Portland, Me.	G. 20.00 F. *19.33*	3.50 4.03	48.00 61.42	..... 5.46	..... 9.76	12.50 14.17	Wheat bran, cottonseed meal, corn gluten feed, wheat middlings, linseed meal, corn meal, oat feed, 1% salt.
Eastern States Fitting Ration Eastern States Farmers' Exchange Springfield, Mass.	G. 12.00 F. 14.71	3.50 4.37	60.00 63.35	..... 6.23	..... 11.34	7.00 6.07	Wheat bran, oats, corn meal, old process linseed meal, molasses, hominy, barley, bone meal, calcium carbonate, salt.
Eastern States Fulpail Eastern States Farmers' Exchange Springfield, Mass.	G. 20.00 F. 21.91	4.00 5.26	54.00 56.11	..... 6.96	..... 9.76	8.00 7.61	Wheat bran, oats, corn gluten feed, cottonseed meal, old process linseed meal, hominy, barley, soybean meal, corn, distillers' grains, molasses, bone meal, calcium carbonate, salt.
Eastern States Sixteen Dairy Ration Eastern States Farmers' Exchange Springfield, Mass.	G. 16.00 F. 18.78	4.00 4.08	57.00 60.27	..... 6.58	..... 10.29	8.00 7.18	Wheat bran, oats, hominy, barley, cottonseed meal, corn gluten feed, old process linseed meal, distillers' dried grains, molasses, bone meal, calcium carbonate, salt.
Elmore Milk Grains Elmore Milling Co. Oneonta, N. Y.	G. 25.00 F. *25.52*	5.00 *4.48*	45.00 53.98	..... 6.69	..... 9.33	11.00 9.34	Corn distillers' grains, wheat bran, old process linseed meal, hominy feed, barley, malt sprouts, corn gluten feed, cottonseed meal, dried brewers' grains, calcium carbonate, salt.

Elmore Milk Grains Junior	G.	20.00	5.00	55.00	.....	.....	10.00	Corn distillers' grains, wheat bran, old process linseed meal, hominy feed, barley malt sprouts, cottonseed meal, corn gluten feed, dried brewers' grains, calcium carbonate, salt.
Elmore Milling Co.	F.	20.35	4.91	59.23	6.13	9.38	8.98	
Oneonta, N. Y.								
20% Dairy Ration	G.	20.00	4.00	.....	.....	.....	9.00	Wheat bran, linseed meal, cottonseed meal, corn gluten feed, corn meal, molasses, copra meal, oats, calcium carbonate, salt.
Elmore Milling Co.	F.	20.00	4.76	57.34	7.42	10.48	8.91	
Oneonta, N. Y.								
Eshelman's Certified 24% Dairy Ration	G.	24.00	4.50	49.00	.....	.....	8.00	Corn gluten feed, old process linseed meal, cottonseed meal, hominy feed, oats, soybean meal, wheat bran, corn distillers' dried grains, molasses, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F.	24.00	4.50	53.87	6.91	10.72	8.00	
Lancaster, Pa.								
Eshelman's Certified 20% Dairy Ration	G.	20.00	4.00	54.00	.....	.....	8.00	Corn gluten feed, hominy feed, oats, old process linseed meal, wheat bran, cottonseed meal, soybean meal, wheat middlings, corn distillers' dried grains, molasses, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F.	22.51	4.19	56.93	6.66	9.71	7.71	
Lancaster, Pa.								
Eshelman's Lancaster-20-Dairy Feed	G.	20.00	4.00	55.00	.....	.....	11.00	Wheat bran, corn gluten feed, wheat middlings, dried brewers' grains, molasses, cottonseed meal, soybean meal, corn feed meal, oats, cocoanut meal, old process linseed meal, wheat screenings, 1% bone meal, 1% calcium carbonate, 1% salt.
John W. Eshelman & Sons	F.	21.06	4.00	56.08	8.56	10.30	8.92	
Lancaster, Pa.								
Eshelman's Pennsy-16-Dairy Feed	G.	16.00	3.00	55.00	.....	.....	11.00	Corn gluten feed, dried brewers' grains, cottonseed meal, soybean meal, molasses, cocoanut meal, old process linseed meal, wheat middlings, wheat bran, oat middlings, oat hulls, oat shorts, wheat screenings, 1% bone meal, 1% calcium calbonate, 1% salt.
John W. Eshelman & Sons	F.	17.95	5.91	56.93	8.89	10.32	8.69	
Lancaster, Pa.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
DAIRY FEED (Continued)							
Eshelman's Red Rose 24 Dairy Feed John W. Eshelman & Sons Lancaster, Pa.	G. 24.00 F. 24.78	4.00 3.56	50.00 52.86	..... 8.45	..... 10.35	11.00 8.34	Wheat bran, wheat middlings, corn gluten feed, dried brewers' grains, cocoanut meal, cottonseed meal, old process linseed meal, soybean meal, molasses, corn feed meal, oats, 1% bone meal, 1% calcium carbonate, 1% salt.
Filion's Dairy Feed J. A. Filion Newmarket, N. H.	G. 22.00 F. 24.26	4.00 4.79	50.00 54.87	..... 6.52	..... 9.56	12.00 8.75	Corn meal, middlings, wheat bran, cottonseed meal, gluten feed, linseed meal, oats, salt.
Grandin's Milk Maker D. H. Grandin Milling Co. Jamestown, N. Y.	G. 20.00 F. 22.04	5.00 5.40	50.00 57.21	..... 5.04	..... 10.31	12.00 8.80	Linseed meal, cottonseed meal, cocoanut meal, corn gluten feed, corn meal, corn feed meal, hominy feed, beet pulp, ½% salt, wheat bran, wheat middlings, screenings not exceeding mill run.
M-S (Money Saver) 24% Sweet Dairy Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. 24.00 F. 24.78	4.00 4.86	50.00 53.71	..... 7.28	..... 9.37	12.00 8.83	Cottonseed meal, corn gluten meal, linseed meal, wheat bran, wheat middlings, barley, corn meal, corn feed meal, hominy feed, grain screenings, molasses, bone meal, calcium carbonate, salt.
M-S (Money Saver) 20% Sweet Dairy Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. 20.00 F. 21.06	4.00 4.71	50.00 56.87	..... 7.93	..... 9.43	12.00 8.49	Cottonseed meal, corn gluten feed, linseed meal, wheat bran, wheat middlings, barley, corn meal, corn feed meal, hominy feed, grain screenings, molasses, bone meal, calcium carbonate, salt.

Grandin's Sweetened 24% Dairy Feed	G.	24.00	4.00	50.00	.....	.....	10.00	Linseed meal, cottonseed meal, corn gluten feed, corn gluten meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, molasses, bone meal, calcium carbonate, salt, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	26.18	4.59	53.00	6.45	9.78	8.09	
Jamestown, N. Y.								
Grandin's Sweetened 20% Dairy Feed	G.	20.00	4.00	50.00	.....	.....	10.00	Linseed meal, cottonseed meal, wheat bran, corn gluten feed, wheat middlings, corn meal, corn feed meal, hominy feed, molasses, bone meal, calcium carbonate, salt, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	21.79	4.38	55.58	7.39	10.86	8.43	
Jamestown, N. Y.								
Grandin's Sweetened 16% Dairy Feed	G.	16.00	4.00	50.00	.....	.....	10.00	Linseed meal, cottonseed meal, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, barley, molasses, bone meal, salt, calcium carbonate, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	18.08	4.25	58.96	7.58	11.13	8.75	
Jamestown, N. Y.								
Grandin's Sweetened 12 Twin Six 12 Dairy Feed	G.	22.00	5.00	50.00	.....	.....	12.00	Linseed meal, cottonseed meal, cocoanut oil meal, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, alfalfa meal, molasses, bone meal, calcium carbonate, salt, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	23.38	4.68	54.78	7.17	9.99	8.61	
Jamestown, N. Y.								
Bemis 20% Dairy Feed	G.	20.00	4.00	55.00	.....	.....	9.00	Wheat bran, oats, corn meal, linseed meal, corn gluten feed, cottonseed meal, 1% salt.
E. C. & W. L. Hopkins	F.	21.05	4.05	58.40	5.89	10.61	8.01	
Greenfield, N. H.								
Chase Ration	G.	17.00	4.00	60.00	.....	.....	8.00	Corn meal, wheat bran, gluten feed, oats, old process linseed meal, cottonseed meal, salt.
E. C. & W. L. Hopkins	F.	18.08	4.04	61.50	4.83	11.55	6.76	
Greenfield, N. H.								
Cheshire County Special 24% Dairy Feed.	G.	24.00	4.00	48.00	.....	.....	12.00	Gluten feed, corn meal, old process linseed meal, wheat bran, cottonseed meal, malt, molasses, barley, calcium carbonate, salt.
E. C. & W. L. Hopkins	F.	23.86	3.28	54.20	8.06	10.60	8.63	
Greenfield, N. H.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
DAIRY FEED (Continued)								
Money Maker Sweetened Dairy Feed	G.	20.00	3.50	50.00	.....	.....	11.00	Corn meal, gluten feed, cottonseed meal, old process linseed meal, malt, wheat bran, molasses, calcium carbonate, salt.
E. C. & W. L. Hopkins	F.	21.75	3.50	57.17	6.00	11.58	8.36	
Greenfield, N. H.								
20% Open Formula Dairy Feed	G.	20.00	4.00	54.00	.....	.....	8.00	Bran, oats, gluten feed, cottonseed meal, old process linseed meal, hominy, barley, soybean meal, corn distillers' dried grains, molasses, bone meal, calcium carbonate, salt.
E. C. & W. L. Hopkins	F.	20.97	4.03	56.82	6.43	11.75	7.79	
Greenfield, N. H.								
International Minnesota Dairy Feed	G.	11.50	4.00	60.00	.....	.....	13.00	Flax screenings, wheat, oats, barley, molasses, calcium carbonate, bone meal, salt.
International Sugar Feed Co.	F.	13.27	5.79	61.59	9.78	9.57	11.38	
Minneapolis, Minn.								
International Special Dairy Feed	G.	15.00	4.50	59.00	.....	.....	12.00	Linseed meal, cottonseed meal, soybean meal, corn gluten feed, wheat bran, molasses, flax screenings, wheat, oats, barley, salt, calcium carbonate, bone meal.
International Sugar Feed Co.	F.	18.39	5.09	57.57	9.31	9.64	12.39	
Minneapolis, Minn.								
Beatsall Milk Grains	G.	22.00	4.50	50.00	.....	.....	10.00	Wheat bran, wheat middlings, linseed meal, corn gluten feed, cottonseed meal, soybean meal, hominy feed, 3/4% salt, 1% calcium carbonate, beet pulp.
Kasco Mills	F.	23.91	4.65	56.73	6.12	8.59	9.26	
Waverly, N. Y.								
20% Milk Maker	G.	20.00	4.50	50.00	.....	.....	11.00	Cottonseed meal, linseed meal, corn gluten feed, soybean meal, corn meal, wheat bran, wheat middlings, oats, barley, 3/4% salt, 1% calcium carbonate.
Kasco Mills	F.	23.86	5.06	55.98	5.98	9.12	8.10	
Waverly, N. Y.								

Kasco 16% Dairy Feed	G.	16.00	4.50	50.00	.....	.....	12.00	Wheat bran, corn gluten feed, oats, cotton-
Kasco Mills	F.	17.69	4.66	62.37	6.76	8.52	13.56	seed meal, barley, grain screenings, corn
Waverly, N. Y.								meal, oat middlings, oat hulls, oat shorts, molasses, 1% salt, 1% calcium carbonate.
Kimball's Special Dairy Feed	G.	20.00	5.00	59.00	.....	.....	9.00	Corn gluten meal, corn gluten feed, corn
Kimball Grain Elevator	F.	*18.33*	*4.63*	62.06	4.29	10.69	7.09	meal, cottonseed meal, oats, wheat bran, old
Salem, N. H.								process linseed meal, salt, wheat middlings, hominy meal, brewers' dried grains, corn distillers' dried grains, bone meal.
Larro, The Ready Ration	G.	20.00	4.00	57.00	.....	.....	12.00	Corn meal, cottonseed meal, corn gluten feed,
Larrowe Milling Co.	F.	20.75	4.13	60.43	5.62	9.07	9.79	wheat middlings, wheat bran, old process lin-
Detroit, Mich.								seed meal, beet pulp, ¾% salt.
Bull Brand "24" Dairy Ration Sweetened	G.	24.00	*4.50	.....	.....	.....	11.00	Dried brewers' grains, old process linseed
Maritime Milling Co.	F.	24.82	4.53	52.38	8.04	10.23	10.60	meal, cottonseed meal, corn gluten feed, corn
Buffalo, N. Y.								gluten meal, hominy feed, corn meal, molasses, bone meal, calcium carbonate, salt, wheat bran, wheat middlings, screenings not exceeding mill run.
B-B Dairy Red-E-Mixt Feed Sweetened ..	G.	20.00	5.00	.....	.....	.....	10.00	Molasses, dried brewers' grains, corn meal,
Maritime Milling Co.	F.	20.93	*4.25*	57.18	7.01	10.63	8.48	wheat bran, wheat middlings, corn gluten
Buffalo, N. Y.								meal, corn gluten feed, cottonseed meal, old process linseed meal, calcium carbonate, bone meal, hominy feed, salt, screenings not exceeding mill run.
B-B Hi Test Dairy Feed Sweetened	G.	20.00	4.50	.....	.....	.....	12.00	Dried brewers' grains, malt, old process lin-
Maritime Milling Co.	F.	21.06	4.73	55.08	8.37	10.76	10.66	seed meal, cottonseed meal, corn gluten feed,
Buffalo, N. Y.								corn gluten meal, hominy feed, oats, corn meal, grain screenings, wheat bran, molasses, bone meal, calcium carbonate, salt.
B-B Marmico 16% Dairy Feed with Molasses	G.	16.00	4.00	.....	.....	.....	12.00	Dried brewers' grains, old process linseed meal,
Maritime Milling Co.	F.	17.82	4.94	57.44	9.04	10.76	12.00	cottonseed meal, corn gluten feed, corn
Buffalo, N. Y.								meal, grain screenings, wheat bran, oat hulls, oat shorts, oat middlings, molasses, bone meal, calcium carbonate, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
DAIRY FEED (Continued)							
Waugh's Cow Grain	G. 20.00	4.00	.....	.....	.....	8.40	Gluten meal, corn meal, oats, old process linseed meal, wheat bran, cottonseed meal, middlings, bone meal, calcium carbonate, salt.
McQuesten & Lewis Manchester, N. H.	F. 24.65	4.10	54.31	6.65	10.29	7.54	
Merrimack Dry Cow and Young Stock Ration	G. 14.00	4.00	60.00	.....	.....	8.00	Oats, corn meal, wheat bran, linseed meal, 2% calcium carbonate, 1% salt, 1% bone meal.
Merrimack Farmers' Exchange Concord, N. H.	F. 15.63	4.42	63.32	6.46	10.17	6.59	
Merrimack Dairy Ration	G. 20.00	4.00	50 00	.....	.....	10.00	Corn gluten feed, linseed meal, cottonseed meal, corn meal, wheat bran, wheat middlings, oats, ¾% salt, 2% calcium carbonate, 1% bone meal.
Merrimack Farmers' Exchange Concord, N. H.	F. 20.42	4.23	58.11	8.21	9.03	8.43	
New England Open Formula 20% Dairy Feed	G. 20.00	4.00	45.00	.....	.....	10.00	Gluten feed, gluten meal, dried brewers' grains, wheat bran, dried distillers' grains, corn meal, cottonseed meal, wheat middlings, molasses, bone meal, salt, limestone.
New England Grain Co. Portland, Me.	F. 21.05	4.26	57.88	6.89	9.92	9.69	
Noyes' Dairy Feed	G. 22.00	4.50	56.00	.....	.....	9.00	Cottonseed meal, old process linseed meal, corn meal, oats, bran, gluten feed, 1% salt, lime, bone meal.
D. A. Noyes & Son Colebrook, N. H.	F. 23.69	4.88	55.72	5.47	10.24	8.49	
Noyes' Dairy Feed Sweetened	G. 22.00	4.50	56.00	.....	.....	9.00	Cottonseed meal, old process linseed meal, corn meal, oats, bran, gluten feed, 1% salt, lime, bone meal, molasses.
D. A. Noyes & Son Colebrook, N. H.	F. 21.32	4.66	55.37	7.09	11.56	8.97	

Bet-R-Milk 20% Ration	G.	20.00	4.00	50.00	.....	.....	9.00	Corn gluten feed, linseed meal, cottonseed meal, malt sprouts, wheat bran, wheat middlings, mill run screenings, hominy feed, fish meal, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	21.75	4.00	57.51	7.10	9.64	7.80	
Boston, Mass.								
Herdhelth 16% Ration	G.	16.00	3.50	50.00	.....	.....	9.00	Corn gluten feed, hominy feed, oats, cottonseed meal, wheat bran, mill run screenings, wheat middlings, molasses, fish meal, calcium carbonate, salt.
Park & Pollard Co.	F.	17.64	4.37	60.50	7.03	10.46	7.41	
Boston, Mass.								
Milk-Maid Sweetened 24% Dairy Ration	G.	24.00	4.50	50.00	.....	.....	11.00	Corn gluten feed, linseed meal, cottonseed meal, distillers' dried grains, wheat bran, mill run screenings, brewers' dried grains, malt sprouts, corn gluten meal, copra meal, corn meal, fish meal, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	24.85	3.86	53.93	8.08	9.28	8.89	
Boston, Mass.								
Top Notch 16% Ration	G.	16.00	3.50	45.00	.....	.....	12.00	Corn gluten feed, wheat bran, cottonseed meal, malt sprouts, grain screenings, corn gluten meal, oat hulls, oat shorts, oat middlings, corn meal, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	16.15	3.31	61.45	7.52	11.57	11.20	
Boston, Mass.								
Purina 24% Cow Chow	G.	24.00	3.00	52.00	.....	.....	12.00	Linseed meal, corn gluten feed, cottonseed meal, wheat middlings, wheat bran, corn meal, alfalfa meal, molasses, 1% salt.
Purina Mills	F.	24.52	4.76	54.18	6.30	10.24	11.02	
Buffalo, N. Y.								
Purina Bulky Cow Chow Feed	G.	16.00	3.00	59.00	.....	.....	12.00	Soybean meal, corn gluten feed, cottonseed meal, wheat middlings, wheat bran, corn meal, alfalfa meal, beet pulp, molasses, 2% salt.
Purina Mills	F.	18.73	3.61	60.37	6.71	10.58	10.21	
Buffalo, N. Y.								
Purina Blue Checker Cow Chow Feed	G.	20.00	3.00	57.00	.....	.....	12.00	Linseed meal, corn gluten feed, cottonseed meal, wheat middlings, wheat bran, corn meal, alfalfa meal, molasses, 1% salt.
Purina Mills	F.	20.42	4.15	58.30	6.82	10.31	10.52	
Buffalo, N. Y.								
Purina Fitting Chow Feed	G.	13.50	2.60	62.00	.....	.....	12.00	Linseed meal, soybean meal, wheat bran, molasses, corn, oats, alfalfa meal, 1% salt.
Purina Mills	F.	14.23	3.63	65.31	5.97	10.86	10.83	
Buffalo, N. Y.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
DAIRY FEED (Continued)								
Purina Red Checker 34% Cow Chow Feed	G.	34.00	3.00	46.00	.....	.....	12.00	Linseed meal, corn gluten meal, soybean meal, cottonseed meal, alfalfa meal, molasses, 1% salt.
Purina Mills	F.	34.50	4.46	45.44	6.43	9.17	9.64	
Buffalo, N. Y.								
Protena Roughage Feed	G.	6.00	1.00	75.00	.....	.....	30.00	Alfalfa stems, oat middlings, oat hulls, oat shorts, molasses.
Purina Mills	F.	7.13	1.00	76.04	6.79	9.04	30.00	
St. Louis, Mo.								
Protena 20% Dairy Feed	G.	20.00	2.50	54.00	.....	.....	12.00	Cottonseed meal, corn gluten feed, oat shorts, oat hulls, oat middlings, wheat screenings, corn, oats, barley, kaffir, wheat middlings, wheat bran, molasses, 1% salt.
Purina Mills	F.	20.09	3.63	59.82	6.92	9.54	11.42	
Buffalo, N. Y.								
Quaker 24% Dairy Ration	G.	24.00	4.00	52.00	.....	.....	12.00	Hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran, wheat middlings, oat middlings, oat shorts, oat hulls, ¾% salt, 1% limestone, molasses.
Quaker Oats Co.	F.	24.69	4.49	53.64	6.83	10.35	10.80	
Chicago, Ill.								
Quaker 20% Protein Dairy Ration	G.	20.00	3.25	57.00	.....	.....	12.00	Hominy feed, barley meal, cottonseed meal, corn gluten feed, linseed meal, wheat bran, wheat middlings, oat middlings, oat shorts oat hulls, ¾% salt, 1% limestone, molasses.
Quaker Oats Co.	F.	21.32	4.06	57.88	6.62	10.12	11.28	
Chicago, Ill.								
Quaker 16% Protein Dairy Ration	G.	16.00	3.50	59.50	.....	.....	13.50	Hominy feed, barley meal, cottonseed meal, linseed meal, gluten feed, wheat bran, wheat middlings, wheat screenings, oat middlings, oat shorts, oat hulls, ¾% salt, 1% calcium carbonate, 1% bone meal, molasses.
Quaker Oats Co.	F.	17.78	3.72	61.70	7.28	9.52	13.04	
Chicago, Ill.								

Spaulding's Dairy Feed F. B. Spaulding Co. Lancaster, N. H.	G. F.	20.00 22.81	4.00 4.00	50.00 57.32	..... 5.89	..... 9.98	10.00 9.80	Linseed meal, cottonseed meal, gluten feed, corn meal, oats, rye feed, bran, middlings, salt, calcium carbonate, molasses, mill run screenings.
HyGrade 24 Milk Ration Sweetened St. Albans Grain Co. St. Albans, Vt.	G. F.	24.00 24.81	4.00 *3.64*	50.00 54.25	..... 7.46	..... 9.84	9.00 8.21	Corn gluten meal, corn gluten feed, old process linseed meal, cottonseed meal, brewers' dried grains, corn meal, oats, barley, wheat bran, wheat middlings, bone meal, calcium carbonate, salt, molasses.
HyGrade 20 Milk Ration Sweetened St. Albans Grain Co. St. Albans, Vt.	G. F.	20.00 22.40	4.00 4.12	54.00 56.05	..... 6.87	..... 10.56	8.50 7.46	Old process linseed meal, cottonseed meal, brewers' dried grains, corn gluten meal, corn gluten feed, corn meal, oats, barley, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Merrimack Sweetened Milk Ration St. Albans Grain Co. St. Albans, Vt.	G. F.	20.00 21.37	4.50 *3.77*	53.00 58.15	..... 6.16	..... 10.55	8.50 7.16	Corn gluten meal, corn gluten feed, old process linseed meal, cottonseed meal, brewers' dried grains, corn meal, hominy feed, oats, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Paragon Sweetened Dairy Feed St. Albans Grain Co. St. Albans, Vt.	G. F.	20.00 20.84	3.25 3.54	55.00 58.52	..... 7.28	..... 9.82	11.00 10.59	Cottonseed meal, old process linseed meal, corn gluten meal, corn gluten feed, corn meal, oats, barley, brewers' dried grains, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, calcium carbonate, molasses, salt.
Utility Dairy Ration St. Albans Grain Co. St. Albans, Vt.	G. F.	20.00 21.36	3.50 3.73	56.00 56.05	..... 8.34	..... 10.52	10.50 9.18	Old process linseed meal, corn gluten feed, cottonseed meal, corn meal, oats, barley, brewers' dried grains, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, calcium carbonate, molasses, salt.
Wirthmore 14 Fitting Ration St. Albans Grain Co. St. Albans, Vt.	G. F.	14.00 17.42	4.00 *3.56*	65.00 60.81	..... 6.59	..... 11.62	7.00 6.45	Old process linseed meal, oats, barley, corn meal, wheat bran, wheat middlings, molasses, fish meal, bone meal, salt.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
DAIRY FEED (Continued)								
Wirthmore Fodder Greens St. Albans Grain Co. St. Albans, Vt.	G. F.	9.00 11.43	1.25 2.29	68.00 69.53	..... 6.02	..... 10.73	19.00 15.84	Beet pulp, alfalfa meal, wheat bran, oats, barley, molasses, salt.
Wirthmore 25 Sweetened Balanced Ration St. Albans Grain Co. St. Albans, Vt.	G. F.	25.00 25.39	4.75 5.99	55.00 52.96	..... 6.72	..... 8.94	8.50 9.03	Corn gluten meal, distillers' dried grains, old process linseed meal, brewers' dried grains, oats, cottonseed meal, corn gluten feed, corn meal, wheat middlings, wheat bran, bone meal, molasses, salt.
Wirthmore 20 Sweetened Dairy Ration St. Albans Grain Co. St. Albans, Vt.	G. F.	20.00 22.37	4.75 4.92	59.00 56.49	..... 5.39	..... 10.83	8.00 7.97	Corn gluten meal, distillers' dried grains, old process linseed meal, brewers' dried grains, cottonseed meal, corn gluten feed, corn meal, oats, wheat middlings, wheat bran, bone meal, molasses, salt.
Stratton's White Clover 24% Dairy Feed Stratton & Co. Concord, N. H.	G. F.	24.00 25.47	4.00 4.66	..... 51.88	..... 7.94	..... 10.05	11.00 9.73	Wheat bran, linseed meal, barley, cottonseed meal, corn gluten feed, grain screenings, malt sprouts, corn gluten meal, molasses, calcium carbonate, salt.
Stratton's White Clover 20 Dairy Feed Stratton & Co. Concord, N. H.	G. F.	20.00 19.77	4.00 4.23	..... 56.98	.... 7.48	..... 11.54	11.00 11.57	Wheat bran, linseed meal, oat hulls, oat shorts, oat middlings, gluten feed, barley, cottonseed meal, grain screenings, molasses, calcium carbonate, salt.
Strafford County Dairy Feed Strafford County Grain Mill Rochester, N. H.	G. F.	18.00 19.44	5.00 4.65	50.00 58.13	..... 8.68	..... 9.10	9.00 7.89	Bran, corn meal, oats, linseed meal, gluten feed, cottonseed meal, salt, bone meal.

Union Grains 24% Dry Dairy Ration	G.	24.00	5.00	50.00	.....	.....	10.00	Corn distillers' dried grains, cottonseed meal, brewers' dried grains, old process linseed meal, corn gluten feed, wheat bran, wheat middlings, hominy meal, calcium carbonate.
Ubiko Milling Co.	F.	24.96	5.08	52.00	8.77	9.19	8.84	
Cincinnati, Ohio.								
Gold Medal Dairy Ration	G.	20.00	5.00	60.00	.....	.....	8.50	Wheat germs, linseed meal, cottonseed meal, corn gluten feed, corn, oats, wheat bran, wheat middlings, 2% calcium carbonate, bone meal, 1% salt.
Washburn Crosby	F.	20.49	4.89	57.99	7.63	9.00	8.11	
Minneapolis, Minn.								
Blue Seal "Twenty-One" Dairy Ration....	G.	21.00	5.00	50.00	.....	.....	8.50	Gluten meal, hominy feed, old process linseed meal, oats, wheat bran, cottonseed meal, malt sprouts, peanut middlings, molasses, Oregon mineral mixture.
H. K. Webster Co.	F.	22.20	5.51	58.30	5.13	8.86	7.63	
Lawrence, Mass.								
Blue Seal "20" Dairy Ration	G.	20.00	4.50	48.00	.....	.....	9.00	Gluten feed, hominy, old process linseed meal, oats, bran, cottonseed meal, wheat middlings, molasses, bone meal, calcium carbonate, salt.
H. K. Webster Co.	F.	20.75	4.26	56.51	7.52	10.96	7.19	
Lawrence, Mass.								
Blue Seal Improved Balanced Ration	G.	24.00	5.00	48.00	.....	.....	8.50	Gluten meal, hominy feed, old process linseed meal, oats, bran, cottonseed meal, corn distillers' grains, malt sprouts, peanut middlings, molasses, Oregon mineral mixture.
H. K. Webster Co.	F.	25.17	5.61	55.38	5.12	8.72	7.68	
Lawrence, Mass.								
Blue Seal "Lo-Cost" Dairy Ration	G.	20.00	5.50	52.00	.....	.....	8.50	Cottonseed meal, hominy feed, malt sprouts, wheat bran, wheat middlings, molasses, peanut middlings, barley, calcium carbonate, salt.
H. K. Webster Co.	F.	20.09	6.71	57.72	5.41	10.07	9.06	
Lawrence, Mass.								
Blue Seal Standard Dairy Feed	G.	20.00	4.50	50.00	.....	.....	8.50	Molasses, gluten meal, cotonseed meal, old process linseed meal, malt sprouts, peanut middlings, bran, hominy feed, beet pulp, Oregon mineral mixture.
H. K. Webster Co.	F.	21.49	5.89	58.09	5.45	9.08	8.21	
Lawrence, Mass.								
Yeaton's 20% Dairy Food	G.	20.00	3.25	55.00	.....	.....	11.00	Old process linseed meal, cottonseed meal, corn gluten meal, brewers' dried grains, corn gluten feed, wheat bran, oats, wheat middlings, barley, manamar, corn meal, bone meal, calcium carbonate, salt, molasses.
H. A. Yeaton & Son	F.	23.67	3.95	54.80	7.83	9.75	8.01	
Portsmouth, N. H.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
DISTILLERS' DRIED GRAINS								
Eagle Grains (Dewey's Distillers' Dried)..	G.	30.00	10.00	.....	.....	.....	13.00	
Dewey Bros. Co.	F.	*27.43*	10.21	51.08	4.49	*6.79*	.....	
Blanchester, Ohio								
FISH MEAL								
Man A Mar	G.	40.00	3.00	19.00	.....	.....	4.00	Fish, kelp, calcium carbonate.
Philip R. Park, Inc.	F.	42.03	5.85	15.06	29.47	7.59	3.27	
San Pedro, Calif.								
Fish Meal	G.	60.00	.....	.....	.....	.....	.....	
John Reardon & Sons	F.	61.03	2.72	.....	23.59	12.01	.....	
Cambridge, Mass.								
Terrapin Brand Fish Meal	G.	55.00	6.00	.....	.....	.....	2.00	
Seaboard Products Co.	F.	55.31	7.46	.....	24.01	9.09	.....	
Baltimore, Md.								
Fresh White Fish Meal	G.	60.00	1.00	.....	.....	.....	1.00	
Wilmington Packing Co.	F.	65.06	2.18	.....	24.47	7.96	.....	
Wilmington, Mass.								
GLUTEN FEED								
Cream of Corn Gluten Feed	G.	23.00	2.00	58.50	.....	.....	8.50	
American Maize Products Co.	F.	27.45	2.80	56.71	5.57	7.47	.....	
Roby, Ind.								

Bacon's Gluten Feed E. R. Bacon Grain Co. Chicago, Ill.	G. F.	23.00 25.04	2.00 3.41	..... 59.70	..... 4.74	..... 7.11	8.00	
Buffalo Corn Gluten Feed Corn Products Refining Co. New York City.	G. F.	23.00 24.34	2.00 2.25	57.00 57.79	..... 6.43	..... 9.19	8.50	
Douglas Corn Gluten Feed Penick-Ford Ltd. Cedar Rapids, Iowa	G. F.	23.00 24.96	1.00 1.57	57.00 56.81	..... 7.85	..... 8.81	8.00	
Staley's Corn Gluten Feed A. E. Staley Mfg. Co. Decatur, Ill.	G. F	23.00 28.72	1.00 2.39	50.00 53.25	..... 7.22	..... 8.42	8.00	
Union Corn Gluten Feed Union Starch & Refining Co. Columbus, Ind.	G. F.	23.00 26.00	1.00 2.92	..... 54.90	..... 7.92	..... 8.26	8.00	
HOG FEED								
Hog Meal J. Cushing Co. Fitchburg, Mass.	G. F.	16.00 19.19	5.00 4.85	45.00 59.60	..... 6.99	..... 9.37	8.00 8.00	Tankage, corn feed meal, wheat middlings, wheat bran, wheat screenings, old process linseed meal, charcoal, bone meal, ½% salt.
Pioneer Hog Feed Hales & Hunter Co. Chicago, Ill.	G. F.	16.00 20.40	4.00 4.29	50.00 57.67	..... 7.59	..... 10.05	9.00 5.94	Corn feed meal, wheat middlings, barley malt, oats, barley, linseed meal, wheat screenings, kaffir corn, tankage, dried buttermilk, salt, bone meal, charcoal.
HOMINY FEED								
Homco Hominy Feed Decatur Milling Co. Decatur, Ill.	G. F.	10.00 10.72	7.00 7.58	61.00 68.92	..... 2.60	..... 10.18	6.00	White corn.
B. C. White Hominy Feed Kellogg Co. Battle Creek, Mich.	G. F.	10.00 10.09	6.00 6.78	55.00 71.22	..... 2.45	..... 9.46	5.00	White corn.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
HOMINY FEED (Continued)								
Badger White Hominy Feed	G.	10.00	6.00	.....	.....	.....	5.00	
Chas. A. Krause Milling Co.	F.	11.12	6.16	69.74	2.52	10.46	.....	
Milwaukee, Wis.								
Hominy Feed	G.	10.00	5.00	60.00	.....	.....	5.00	
Patent Cereals Co.	F.	10.55	5.72	71.82	2.73	9.18	.....	
Geneva, N. Y.								
Burt's Hominy Feed	G.	10.00	6.00	90.00	.....	.....	5.00	White corn.
Postum Co.	F.	10.46	6.26	69.82	2.54	10.92	.....	
Battle Creek, Mich.								
White Hominy Feed	G.	9.50	4.00	69.00	.....	.....	5.00	
Quaker Oats Co.	F.	9.98	7.22	70.02	2.24	10.54	.....	
Peterborough, Ont.								
LINSEED MEAL								
Amco Old Process Linseed Meal	G.	30.00	5.00	30.00	.....	.....	10.00	
American Milling Co.	F.	30.92	5.05	47.82	6.05	10.16	.....	
Peoria, Ill.								
Linseed Meal Pure Old Process	G.	34.00	5.00	45.00	.....	.....	9.00	
Archer-Daniels Midland Co.	F.	37.61	5.00	43.60	5.25	8.54	.....	
Minneapolis, Minn.								
Pure Old Process Linseed Meal	G.	32.00	5.00	45.00	.....	.....	9.00	
Archer-Daniels Midland Co.	F.	33.10	5.94	45.91	5.98	9.07	.....	
Minneapolis, Minn.								

Maple Leaf Linseed Oil Cake Meal	G.	34.00	5.00	35.00	.....	.....	9.00
Canada Linseed Oil Mills Ltd.	F.	36.42	5.76	42.48	5.31	10.03	.....
Montreal, Canada							
Linseed Oil Cake Meal (Old Process) ...	G.	34.00	6.50	40.50	.....	.....	8.00
Dominion Linseed Oil Co., Ltd.	F.	34.41	7.64	43.42	5.53	9.00	.....
Montreal, Canada							
Pure Old Process Linseed Meal	G.	34.00	5.00	.....	.....	.....	9.00
Kelloggs & Miller, Inc.	F.	37.17	6.45	41.54	5.68	9.16	.....
Amsterdam, N. Y.							
Pure Old Process Linseed Meal	G.	32.00	6.00	35.00	.....	.....	10.00
Mann Bros. Co.	F.	34.63	6.90	46.90	5.51	6.06	.....
Buffalo, N. Y.							
Screwpress Linseed Oil Cake Meal	G.	35.00	6.50	37.00	.....	.....	8.00
Sherwin-Williams Co.	F.	38.66	7.94	41.36	5.05	6.99	.....
Montreal, Canada							
Kellogg's Linseed Meal—Pure Old Process	G.	34.00	5.00	45.00	.....	.....	10.00
Spencer Kellogg & Sons	F.	39.23	5.33	40.20	5.53	9.71	.....
Buffalo, N. Y.							
Kellogg's 37% Protein Pure Old Process	G.	37.00	5.00	45.00	.....	.....	10.00
Linseed Meal	F.	37.37	5.91	39.48	5.86	11.38	.....
Spencer Kellogg & Sons							
Buffalo, N. Y.							
MALT SPROUTS							
Malt Sprouts	G.	24.00	1.80	.....	.....	.....	16.00
Wilkinson Grain Co.	F.	25.04	*1.31*	63.08	5.45	5.12	.....
Montreal, Canada							
MEAT AND BONE SCRAP							
Dow's 60% Beef Scrap	G.	60.00	10.00	.....	.....	.....	.....
John C. Dow Co.	F.	*57.71*	*9.47*	.....	23.27	6.54	.....
Boston, Mass.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
MEAT AND BONE SCRAP (Continued)							
Dow's Ground Beef Scrap John C. Dow Co. Boston, Mass.	G. 45.00 F. 46.72	6.00 10.39	....	..... 32.56	..... 6.51	....	
Perfection Poultry Feed Lowell Rendering Co. Lowell, Mass.	G. 55.00 F. *53.71*	8.00 7.88	....	..... 28.84	..... 7.00	....	
Peerless Poultry Feed Lowell Rendering Co. Lowell, Mass.	G. 45.00 F. 50.18	8.00 11.59	....	..... 28.53	..... 6.39	....	
Premium Poultry Feed Lowell Rendering Co. Lowell, Mass.	G. 45.00 F. 45.62	8.00 *7.29*	....	..... 35.77	..... 7.54	....	
Manchester Special Poultry Feed Manchester Rendering Co. Manchester, N. H.	G. 50.00 F. 52.10	8.00 10.35	....	..... 28.33	..... 7.24	....	
Marsh's Diamond Special Pure Ground Scrap Geo. E. Marsh Co. Lynn, Mass.	G. 50.00 F. 52.10	10.00 *13.76*	....	..... 24.42	..... 6.93	....	
Marsh's Gem Brand Scrap Geo. E. Marsh Co. Lynn, Mass.	G. 45.00 F. 46.62	10.00 13.56	....	..... 28.19	..... 5.83	....	

Morse's Meat Scrap	G.	60.00	8.00	.....	.....	.....	.....
Jas. F. Morse & Co.	F.	*59.28*	14.62	.....	17.36	6.27	.....
Somerville, Mass.							
Morse's Meat Scrap	G.	45.00	8.00	.....	.....	.....	.....
Jas. F. Morse & Co.	F.	47.07	11.89	.....	30.68	6.30	.....
Somerville, Mass.							
Brighton Bull Meat Scrap	G.	45.00	8.00	.....	.....	.....	.....
New England Rendering Co.	F.	47.23	11.76	.....	33.02	5.42	.....
Brighton, Mass.							
Brighton Special Meat Scrap	G.	55.00	10.00	.....	.....	.....	3.00
New England Rendering Co.	F.	54.81	15.35	.....	20.44	5.29	.....
Brighton, Mass.							
Portland Poultry Feed	G.	45.00	11.00	.....	.....	.....	.....
Portland Rendering Co.	F.	45.49	10.89	.....	34.72	7.42	.....
Portland, Me.							
Register Brand Meat Scrap	G.	55.00	6.00	.....	.....	.....	.....
John Reardon & Sons	F.	57.35	8.48	.....	27.78	5.76	.....
Cambridge, Mass.							
Register Brand Meat and Bone Scrap	G.	50.00	6.00	.....	.....	.....	.....
John Reardon & Sons	F.	52.27	8.59	.....	31.04	6.06	.....
Cambridge, Mass.							
Register Brand Meat and Bone Scrap	G.	45.00	6.00	.....	.....	.....	.....
John Reardon & Sons	F.	*44.30*	11.51	.....	34.77	6.01	.....
Cambridge, Mass.							
MILK PRODUCTS							
Buell-Boston Dried Skim Milk	G.	31.00	0 20	.....	.....	.....	.....
B & B Dairy Co.	F.	35.59	*0.12*	51.30	8.03	4.96	.....
Boston, Mass.							

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
MILK PRODUCTS (Continued)								
Butterfly Brand Dried Skimmed Milk	G.	32.00	0.25	50.00	.....	.....	.....	
S. T. Edwards & Co.	F.	34.72	0.25	51.90	7.86	5.27	.....	
Chicago, Ill.								
Fairmont's Better Pure Flake Buttermilk..	G.	32.00	6.00	.....	.....	.....	.....	
Fairmont Creamery Co.	F.	32.79	*4.45*	42.18	13.18	7.40	.....	
Omaha, Neb.								
Hershey's Superior Powdered Skim Milk..	G.	32.00	1.00	45.00	.....	.....	.....	
Hershey Creamery Co.	F.	33.54	*0.29*	52.93	7.88	5.36	.....	
Harrisburg, Pa.								
Kraco Milk Sugar Feed	G.	12.00	0.50	70.00	.....	.....	.....	
Kraft-Phenix Cheese Corp.	F.	*11.21*	0.29	74.11	7.66	6.73	.....	
Chicago, Ill.								
Dried Skim Milk	G.	30.00	0.50	.....	.....	.....	.....	
Land O'Lakes Creameries	F.	32.91	*0.17*	51.24	7.90	7.78	.....	
Minneapolis, Minn.								
Pilgrim Brand Dried Skim Milk	G.	32.00	0.75	45.00	.....	.....	.....	
Pilgrim Dairy Service	F.	34.93	*0.28*	51.90	8.22	4.67	.....	
Boston, Mass.								
OAT FEED								
Sugared Vim Feed	G.	5.00	1.50	77.50	.....	.....	25.00	Oat shorts, oat middlings, oat hulls, molasses.
Quaker Oats Co.	F.	*3.81*	1.38	79.31	6.58	8.92	25.92	
Chicago, Ill.								

POULTRY FEED								
Amco Egg Mash Allied Mills Inc. Chicago, Ill.	G. F.	20.00 21.72	4.00 4.18	57.00 55.62	..... 7.12	..... 11.36	7.00 4.54	Wheat bran, wheat flour middlings, corn meal, oats, meat scraps.
Sucrene Egg Mash Allied Mills Inc. Chicago.	G. F.	18.00 17.37	3.50 4.59	53.00 58.69	..... 7.93	..... 11.42	8.00 5.76	Meat scraps, wheat middlings, corn meal, soybean meal, alfalfa meal, oats, wheat bran, 2% limestone, 1% bone meal.
Wayne All Mash Chick Starter Allied Mills Inc. Chicago, Ill.	G. F.	16.00 17.07	4.00 4.00	56.00 60.09	..... 8.06	..... 10.78	6.00 5.08	Dried buttermilk, meat scraps, fish meal, wheat middlings, corn meal, oat meal, alfalfa leaf meal, soybean meal, wheat bran, 2% limestone, 1% bone meal.
Wayne Egg Mash Allied Mills Inc. Chicago, Ill.	G. F.	18.00 19.53	3.50 4.89	52.00 56.45	..... 9.05	..... 10.08	7.00 5.27	Dried buttermilk, meat scraps, fish meal, wheat middlings, corn meal, oat meal, corn gluten feed, old process linseed meal, alfalfa leaf meal, soybean meal, barley, 2% limestone, 1% bone meal.
Barco Special Chick Starter G. N. Bartemus Co. Concord, N. H.	G. F.	14.00 18.74	4.00 4.91	40.00 56.66	..... 9.18	..... 10.51	4.00 4.93	Wheat bran, corn meal, red dog, middlings, oat groats, dried skim milk, beef scraps, charcoal, bone meal, alfalfa leaf meal, cod liver meal, salt.
Barco Special Mash Feed G. N. Bartemus Co. Concord, N. H.	G. F.	20.00 23.20	5.00 5.00	50.00 54.24	..... 8.42	..... 9.14	6.00 5.97	Hominy, gluten feed, white middlings, oats, wheat bran, beef scraps, skim milk, alfalfa leaf meal, salt.
Dunbar's Special Mash Feed G. N. Bartemus Co. Concord, N. H.	G. F.	20.00 22.59	5.00 5.20	50.00 53.76	..... 9.06	..... 9.39	6.00 5.91	Hominy, gluten feed, white middlings, oats, wheat bran, beef scraps, skim milk, alfalfa leaf meal.
Jackson Special Mash Feed G. N. Bartemus Co. Concord, N. H.	G. F.	20.00 23.03	5.00 5.32	50.00 53.68	..... 8.96	..... 9.01	6.00 5.74	Hominy, gluten feed, white middlings, oats, wheat bran, beef scraps, skim milk, alfalfa leaf meal.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
POULTRY FEED (Continued)							
Beacon Breeders' Mash With Buttermilk..	G. 19.00	4.00	47.00	.....	.....	7.00	Buttermilk, skim milk, meat scrap, fish meal, bone meal, alfalfa leaf meal, corn meal, oats, barley, corn gluten meal, wheat bran, wheat middlings, cod liver oil, ½% salt, ½% sulpher, 3% calcium carbonate, 2% calcium phosphate, 1% protozyme, 1% charcoal.
Beacon Milling Co. ..... Cayuga, N. Y.	F. 21.74	4.62	57.55	7.21	8.88	7.62	
Beacon Broiler Feed	G. 15.00	4.00	52.00	.....	.....	6.00	Dried skim milk, meat scrap, fish meal, corn, oats, barley, wheat bran, old process linseed meal, wheat red dog, alfalfa leaf meal, cod liver oil, 2% calcium carbonate, 1% calcium phosphate, ½% salt, 1% protozyme.
Beacon Milling Co. ..... Cayuga, N. Y.	F. 16.86	4.52	59.66	8.04	10.92	4.64	
Beacon's Cayuga Laying Mash	G. 20.00	4.00	54.00	.....	.....	7.00	Buttermilk, skim milk, fish meal, meat scrap, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, barley, corn gluten meal, oats, 3% calcium carbonate, 2% calcium phosphate, ½% salt, cod liver oil.
Beacon Milling Co. ..... Cayuga, N. Y.	F. 22.33	5.08	53.59	10.87	8.13	5.78	
Beacon Complete Starting Ration	G. 16.50	4.00	50.00	.....	.....	6.00	Buttermilk, skim milk, meat scrap, fish meal, corn, oats, barley, wheat bran, old process linseed meal, wheat red dog flour, alfalfa leaf meal, bone meal, cod liver oil, 2% calcium carbonate, 1% calcium phosphate, ½% salt, 1% protozyme.
Beacon Milling Co. ..... Cayuga, N. Y.	F. 17.48	4.43	60.53	7.70	9.86	4.23	

Beacon Egg Mash with Buttermilk Beacon Milling Co. Cayuga, N. Y.	G. F.	21.00 21.72	4.50 5.12	51.00 52.27	..... 12.11	..... 8.78	7.00 6.02	Buttermilk, skim milk, meat scrap, bone meal, fish meal, corn gluten meal, soybean meal, barley, oats, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, 3% calcium carbonate, 2% calcium phosphate, ½% salt, 1% protozyme, cod liver oil.
Beacon Fleshing Mash and Crate Fattener Beacon Milling Co. Cayuga, N. Y.	G. F.	15.00 19.22	4.50 5.21	55.00 60.88	..... 5.21	..... 9.48	5.00 4.17	Buttermilk, oats, barley, wheat low grade flour, corn feed meal, corn meal, oats, linseed meal, bone meal, salt, protozyme.
Chase Growing Mash David C. Chase Smithtown, N. H.	G. F.	15.00 15.28	5.00 5.21	50.00 58.43	..... 11.47	..... 9.61	9.00 7.96	Corn meal, oat meal, wheat bran, wheat middlings, meat scraps, bone meal, charcoal, salt, buttermilk.
Chase Laying Mash David C. Chase Smithtown, N. H.	G. F.	19.00 20.97	5.00 5.61	48.00 54.68	..... 9.17	..... 9.57	8.00 7.39	Corn meal, oat meal, wheat bran, wheat middlings, meat scraps, corn gluten feed, buttermilk, salt, charcoal.
Corson No. 1 Laying Mash Freeman Corson Rochester, N. H.	G. F.	17.00 17.69	5.00 4.45	57.00 57.60	..... 9.01	..... 11.25	7.00 5.67	Wheat bran, middlings, corn meal, oat meal, barley, meat, fish, alfalfa leaf meal, salt.
Coweco Laying Mash E. A. Cowee Co. Fitchburg, Mass.	G. F.	20.00 21.62	4.00 5.06	45.00 53.55	..... 9.66	..... 10.11	7.50 5.72	Wheat bran, oats, barley, gluten feed, linseed meal, meat scraps, wheat middlings, fish, corn meal, salt, calcium carbonate.
Coweco Starting Mash E. A. Cowee Co. Fitchburg, Mass.	G. F.	17.00 18.47	5.00 5.23	..... 53.27	..... 11.98	..... 11.05	6.00 4.08	Wheat bran, middlings, corn meal, oat meal, meat scraps, bone meal, lime, salt, dried buttermilk.
Crosby's Egg Mash Pure Poultry Feed... Crosby Milling Co. Brattleboro, Vt.	G. F.	20.00 21.74	4.00 4.91	50.00 52.41	..... 9.76	..... 11.18	7.00 5.31	Dried buttermilk, dried skim milk, fish meal, meat scraps, corn gluten feed, linseed meal, alfalfa leaf meal, corn, oats, barley, buckwheat, wheat bran, wheat middlings, mill run screenings, oats, calcium carbonate, ¾% salt.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
POULTRY FEED (Continued)								
C. Laying Mash	G.	15.00	4.00	55.00	.....	.....	8.50	Corn meal, wheat bran, wheat middlings, oats, meat scraps, bone meal, alfalfa meal, 1% salt.
J. Cushing Co.	F.	18.91	5.39	54.89	10.97	9.84	6.39	
Fitchburg, Mass.								
Indian Laying Mash	G.	18.00	5.00	50.00	.....	.....	7.00	Dried buttermilk, meat scrap, fish meal, bone meal, linseed meal, corn gluten feed, alfalfa meal, wheat bran, wheat middlings, corn feed meal, barley, oats, cottonseed meal, calcium phosphate, salt.
Delaware Mills Inc.	F.	18.21	5.13	55.56	9.83	11.27	7.36	
Deposit, N. Y.								
Laying Mash	G.	20.00	5.00	45.00	.....	.....	7.00	Middlings, bran, corn feed meal, oats, alfalfa meal, gluten feed, old process linseed meal, fish meal, meat scraps, buttermilk, skim milk, limestone, bone meal, salt.
J. Cushing Co.	F.	21.04	5.28	55.61	9.23	8.84	6.38	
Fitchburg, Mass.								
Eastern States Egg Mash	G.	16.50	4.00	54.00	.....	.....	6.50	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, bone meal, salt, cod liver oil.
Eastern States Farmers' Exchange	F.	18.87	5.64	55.97	10.51	9.01	6.06	
Springfield, Mass.								
Eastern States Milk Egg Mash with Cod Liver Oil	G.	16.50	4.00	54.00	.....	.....	6.50	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, skim milk, bone meal, salt, cod liver oil.
Eastern States Farmers' Exchange	F.	17.86	5.69	55.98	10.95	9.52	5.89	
Springfield, Mass.								
Eastern States Milk Egg Mash	G.	16.50	4.00	54.00	.....	.....	6.50	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, skim milk, bone meal, salt.
Eastern States Farmers' Exchange	F.	18.65	5.12	55.48	10.51	10.24	5.57	
Springfield, Mass.								

Eastern States Starting and Growing Mash	G.	16.50	4.00	55.00	.....	.....	6.00	Corn meal, wheat bran, oat groats, wheat flour middlings, skim milk, alfalfa leaf meal, bone meal, fish meal, meat scraps, salt, cod liver oil.
Eastern States Farmers' Exchange	F.	17.64	4.91	58.73	9.08	9.64	5.02	
Springfield, Mass.								
Elmore Egg Mash	G.	18.00	4.00	.....	.....	.....	8.00	Buttermilk, meat scraps, second clear wheat flour, oats, wheat middlings, hominy feed, wheat bran, alfalfa leaf meal, 1% calcium carbonate, salt, cod liver oil.
Elmore Milling Co.	F.	19.61	5.88	54.66	9.36	10.49	5.33	
Oneonta, N. Y.								
Eshelman's Baby Chick Starter	G.	16.00	4.00	60.00	.....	.....	6.00	Oat meal, corn meal, wheat bran, wheat middlings, alfalfa leaf meal, buttermilk, fish scraps, 2% old process linseed meal, 1% bone meal, 1% calcium carbonate.
John W. Eshelman & Sons	F.	16.77	4.72	64.24	5.78	8.49	4.64	
Lancaster, Pa.								
Eshelman's Growing Mash	G.	16.00	4.00	55.00	.....	.....	7.00	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, corn gluten feed, oats, hominy feed, oat meal, old process linseed meal, 2% dried buttermilk, 2% alfalfa meal, ½% salt.
John W. Eshelman & Sons	F.	17.12	5.29	62.45	5.57	9.57	6.08	
Lancaster, Pa.								
Eshelman's Laying Mash	G.	20.00	5.00	50.00	.....	.....	7.00	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, corn gluten feed, oats, hominy feed, old process linseed meal, ½% dried buttermilk, 1% alfalfa meal, ½% salt.
John W. Eshelman & Sons	F.	22.37	6.04	52.37	9.73	9.49	5.86	
Lancaster, Pa.								
Baby Chick Starter	G.	14.00	4.00	60.00	.....	.....	5.00	Dried buttermilk, oats, wheat, corn meal, hominy feed, wheat middlings, alfalfa leaf meal, calcium carbonate, bone meal, ½% salt, cod liver oil.
D. H. Grandin Milling Co.	F.	14.11	4.49	65.15	5.10	11.15	3.58	
Jamestown, N. Y.								
Grandin's Broiler Mash	G.	15.00	4.00	50.00	.....	.....	6.00	Buttermilk, meat scraps, fish meal, alfalfa leaf meal, wheat middlings, corn meal, hominy feed, oats, wheat, barley, bone meal, calcium carbonate, salt, cod liver oil.
D. H. Grandin Milling Co.	F.	16.24	5.78	60.10	7.87	10.01	4.42	
Jamestown, N. Y.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
POULTRY FEED (Continued)							
Grandin's Growing Mash	G. 15.00	4.00	50.00	.....	.....	8.00	Meat, bone, buttermilk, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, oats, alfalfa meal, bone meal, calcium carbonate, salt, cod liver oil, screenings not exceeding mill run.
D. H. Grandin Milling Co. Jamestown, N. Y.	F. 16.34	5.16	56.99	11.83	9.68	5.84	
Grandin's Laying Mash With Buttermilk—Cod Liver Oil	G. 20.00	4.00	50.00	.....	.....	8.00	Fish, meat, bone, corn gluten feed, corn gluten meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, oats, buttermilk, alfalfa meal, calcium carbonate, salt, cod liver oil, screenings not exceeding mill run.
D. H. Grandin Milling Co. Jamestown, N. Y.	F. 22.76	5.32	50.47	12.35	9.10	5.74	
Morning Glory Egg Mash	G. 20.00	4.50	56.00	.....	.....	8.00	Corn feed meal, oats, wheat bran, wheat middlings, corn gluten feed, soybean meal, peanut meal, alfalfa meal, dried buttermilk, meat scraps, calcium carbonate, salt.
Hales & Hunter Co. Chicago, Ill.	F. 20.57	*4.05*	56.47	8.57	10.34	6.18	
Red Comb Chick Starter	G. 14.00	4.00	55.00	.....	.....	5.00	Corn feed meal, oat flour, wheat bran, wheat middlings, corn gluten feed, meat scraps, alfalfa meal, soybean meal, dried buttermilk, calcium carbonate, rock phosphate, sodium chloride, bone meal, charcoal, sulpher.
Hales & Hunter Co. Chicago, Ill.	F. 16.59	*3.65*	61.06	8.65	10.05	4.53	
Red Comb Egg Mash	G. 15.00	4.00	55.00	.....	.....	6.00	Corn feed meal, oat flour, wheat bran, wheat middlings, corn gluten feed, meat scraps, alfalfa meal, soybean meal, dried buttermilk, calcium carbonate, salt, bone meal, charcoal, sulphur.
Hales & Hunter Co. Chicago, Ill.	F. 19.59	3.81	56.20	11.43	8.97	5.42	

Red Comb Growing Mash Hales & Hunter Co. Chicago, Ill.	G. 14.00 F. 18.52	4.00 4.82	56.00 56.91	..... 11.28	..... 8.47	6.00 6.00	Corn feed meal, wheat bran, wheat middlings, corn gluten feed, meat scraps, alfalfa meal, soybean meal, dried buttermilk, calcium carbonate, salt, bone meal, charcoal, sulphur, oat meal.
Cheshire County Mash E. C. & W. L. Hopkins Greenfield, N. H.	G. 18.00 F. 19.74	4.00 5.30	50.00 56.18	..... 8.94	..... 9.84	5.00 5.92	Wheat bran, corn meal, corn gluten feed, beef scraps, middlings, oats, alfalfa leaf meal, calcium carbonate, salt.
Granite State Chick Starter E. C. & W. L. Hopkins Greenfield, N. H.	G. 15.00 F. 16.99	3.00 3.00	66.00 61.06	..... 7.12	..... 11.83	3.00 4.31	Corn, wheat, oats, alfalfa leaf meal, meat scraps, fish, kelp, calcium carbonate, salt, dried skim milk, charcoal.
Granite State Egg Mash E. C. & W. L. Hopkins Greenfield, N. H.	G. 19.00 F. 20.05	4.00 4.19	50.00 53.31	..... 10.51	..... 11.94	4.50 4.17	Corn, wheat middlings, wheat bran, barley, meat scraps, alfalfa leaf meal, kelp, fish, calcium carbonate, salt.
Granite State Growing Mash E. C. & W. L. Hopkins Greenfield, N. H.	G. 15.00 F. 16.90	3.00 2.65	58.00 61.99	..... 6.67	..... 11.79	6.00 5.12	Corn, wheat, oats, barley, alfalfa leaf meal, kelp, calcium carbonate, fish, salt.
Johnson's Mash Ralph P. Johnson Potter Place, N. H.	G. 19.00 F. 19.35	4.25 4.82	55.00 55.93	..... 9.37	..... 10.53	7.00 6.19	Wheat bran, red dog, corn meal, oats, gluten feed, beef scraps, bone meal, alfalfa meal, Blatchford's calf meal, oats, salt.
All-Mash Growing Food Kasco Mills Waverly, N. Y.	G. 14.00 F. 16.46	4.00 5.86	55.00 60.47	..... 7.42	..... 9.79	5.50 4.92	Wheat red dog flour, oat meal, wheat middlings, wheat bran, corn meal, meat scrap, bone meal, linseed meal, buttermilk, 3¼% salt, cod liver oil, calcium carbonate, alfalfa leaf meal.
All-Mash Laying Food Kasco Mills Waverly, N. Y.	G. 15.00 F. 16.37	4.00 4.81	55.00 59.34	..... 8.11	..... 11.37	6.00 4.75	Corn meal, oat meal, wheat bran, wheat middlings, wheat red dog flour, linseed meal corn gluten feed, meat scrap, bone meal, fish meal, buttermilk, 3¼% salt, calcium carbonate, cod liver oil, alfalfa meal.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
POULTRY FEED (Continued)							
Apex Laying Mash	G. 20.00	4.00	50.00	.....	.....	8.50	Wheat bran, wheat middlings, corn meal, linseed meal, corn gluten feed, oats, meat scrap, bone meal, fish meal, buttermilk, ¾% salt, calcium carbonate, alfalfa meal, cod liver oil.
Kasco Mills	F. 22.20	5.66	51.08	11.42	9.64	6.44	
Waverly, N. Y.							
Laying Mash	G. 20.00	4.00	50.00	.....	.....	6.50	Wheat bran, wheat middlings, wheat red dog flour, corn meal, linseed meal, corn gluten feed, oat meal, meat scrap, bone meal, alfalfa meal, fish meal, buttermilk, salt, calcium carbonate, cod liver oil.
Kasco Mills	F. 21.14	4.78	53.35	10.52	10.21	5.85	
Waverly, N. Y.							
Larro Chick Starter	G. 16.50	4.50	60.00	.....	.....	5.00	Oat meal, corn meal, wheat middlings, dried skim milk, dried buttermilk, meat scraps, wheat bran, alfalfa meal, cod liver oil, ½% salt, limestone.
Larrowe Milling Co.	F. 17.13	5.18	60.90	7.24	9.55	4.67	
Detroit, Mich.							
Larro Egg Mash	G. 19.00	5.00	53.00	.....	.....	8.00	Oat meal, wheat middlings, hominy feed, meat scrap, wheat bran, buttermilk, alfalfa meal, bone meal, ¾% salt, ¾% calcium carbonate.
Larrowe Milling Co.	F. 20.78	5.19	53.67	11.48	8.88	6.28	
Detroit, Mich.							
Larro Growing Mash	G. 16.00	4.50	56.50	.....	.....	6.50	Corn meal, oat meal, wheat bran, wheat middlings, meat scraps, dried buttermilk, dried skim milk, alfalfa meal, cod liver oil, 2% limestone, ½% salt.
Larrowe Milling Co.	F. 17.16	5.36	58.52	8.92	10.04	5.40	
Detroit, Mich.							
Larro Poultry Fattening Feed	G. 14.00	4.00	60.50	.....	.....	7.50	Oat meal, corn meal, wheat middlings, beet pulp, dried buttermilk, dried skim milk, wheat bran, alfalfa meal, meat scraps, ¾% salt, 1¼% limestone.
Larrowe Milling Co.	F. 14.84	4.23	63.12	6.95	10.86	5.08	
Detroit, Mich							

B-B Daisy Egg Mash Maritime Milling Co. Buffalo, N. Y.	G. 18.00 F. 18.00	3.50 4.08	..... 58.89	..... 7.34	..... 11.69	9.00 5.97	Dried buttermilk, alfalfa meal, corn gluten meal, corn meal, barley, oats, meat, fish, bone meal, calcium carbonate, salt, wheat bran, wheat middlings, may contain mill run screenings.
B-B Red-E-Mixt Egg Mash Maritime Milling Co. Buffalo, N. Y.	G. 20.00 F. 21.57	4.00 5.43	..... 52.38	..... 9.41	..... 11.21	7.00 5.80	Dried buttermilk, alfalfa meal, soybean meal, corn meal, barley, oats, meat meal, fish meal, bone meal, calcium carbonate, salt, wheat bran, wheat middlings, mill run of screenings.
Arthur's Mash McQuesten & Lewis Manchester, N. H.	G. 14.00 F. 15.72	4.00 4.17	60.00 60.65	..... 7.56	..... 11.90	7.00 3.97	Corn, wheat, fish meal, dried skim milk, beef scraps, wheat bran, alfalfa meal, bone meal, charcoal, fine salt, oyster shells, cod liver oil, linseed meal, Epsom salts, sulpher.
Poultry Mash McQuesten & Lewis Manchester, N. H.	G. 18.00 F. 21.36	2.50 4.42	60.00 56.99	..... 7.36	..... 9.87	7.00 4.65	Corn meal, alfalfa meal, oats, linseed meal, gluten meal, wheat bran, middlings, bone meal, beef scraps, fish meal, dried buttermilk.
Merrimack Baby Chick Starter Merrimack Farmers' Exchange Concord, N. H.	G. 15.00 F. 17.60	4.00 5.15	50.00 58.80	..... 8.59	..... 9.86	4.00 3.89	Corn meal, white middlings, brown middlings, wheat bran, alfalfa leaf meal, beef scraps, fish meal, oat groats, dried milk, bone meal, salt, calcium carbonate, cod liver meal, cod liver oil.
Merrimack Laying Mash with Milk Merrimack Farmers' Exchange Concord, N. H.	G. 17.00 F. 17.87	4.25 4.32	50.00 59.25	..... 8.83	..... 9.73	5.00 4.29	Corn meal, wheat bran, wheat middlings, oat groats, oats, alfalfa leaf meal, milk, fish meal, meat scraps, bone meal, calcium carbonate, salt.
Merrimack Super Mash Merrimack Farmers' Exchange Concord, N. H.	G. 17.00 F. 19.44	5.00 4.84	50.00 57.68	..... 8.84	..... 9.20	5.00 4.62	Corn meal, wheat bran, wheat middlings, alfalfa leaf meal, oat groats, meat scraps, fish meal, skim milk, bone meal, calcium carbonate, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
POULTRY FEED (Continued)							
Growing Feed Park & Pollard Co. Boston, Mass.	G. 14.00 F. 15.15	3.00 3.39	50.00 62.72	..... 8.40	..... 10.34	8.00 5.56	Corn, wheat, oats, alfalfa, barley, fish, meat, bone meal, wheat bran, mill run screenings, wheat middlings, calcium carbonate, salt, buttermilk.
Lay or Bust Dry Mash Park & Pollard Co. Boston, Mass.	G. 18.00 F. 22.33	3.00 4.84	40.00 52.24	..... 11.86	..... 8.73	8.00 6.09	Corn, wheat, oats, barley, kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran, screenings not exceeding 8%, wheat middlings, calcium carbonate, salt, buttermilk.
Puritan Dry Mash W. N. Potter & Sons Greenfield, Mass.	G. 18.00 F. 18.42	5.00 4.81	50.00 58.26	..... 7.81	..... 10.70	8.00 6.69	Bran, oats, beef scraps, middlings, dried buttermilk, fish meal, alfalfa, calcium carbonate, salt.
Purina Breeder Chowder Feed Purina Mills Buffalo, N. Y.	G. 19.00 F. 20.66	3.50 5.20	55.00 53.97	..... 10.73	..... 9.44	8.00 7.75	Dried buttermilk, cod liver oil, wheat middlings, wheat bran, corn meal, corn germ meal, alfalfa leaf meal, linseed meal, meat scrap, 1% bone meal, 1% salt, 2% calcium carbonate.
Purina Chicken Chowder Feed Laying Mash Purina Mills Buffalo, N. Y.	G. 19.00 F. 20.14	3.50 4.68	55.00 55.21	..... 10.01	..... 9.96	8.00 7.29	Wheat middlings, wheat bran, corn meal, corn germ meal, alfalfa leaf meal, linseed meal, meat scrap, 1% bone meal, 1% salt, 2% calcium carbonate.
Purina Lay Chow Feed Purina Mills Buffalo, N. Y.	G. 17.00 F. 18.52	2.50 4.35	54.00 57.41	..... 9.13	..... 10.59	8.00 6.53	Soybean meal, molasses, alfalfa meal, corn meal, meat scrap, wheat middlings, wheat bran, 1¼% bone meal, 1¼% salt, 2½% calcium carbonate.

Quaker Ful-O-Pep Chick Starter	G.	15.00	5.00	57.00	.....	.....	7.00	Oat meal, hominy feed, wheat bran, wheat middlings, bone meal, fish meal, cod liver meal, alfalfa meal, 2% limestone, ½% salt, molasses.
Quaker Oats Co.	F.	15.81	5.49	61.90	7.41	9.39	7.00	
Chicago, Ill.								
Quaker Ful-O-Pep Egg Mash	G.	20.00	4.00	53.00	.....	.....	8.00	Oat meal, hominy feed, barley meal, wheat bran, wheat middlings, meat scraps, cod liver meal, fish meal, alfalfa meal, 2% limestone, ¾% salt, molasses.
Quaker Oats Co.	F.	20.17	5.27	54.46	10.61	9.49	6.00	
Chicago, Ill.								
Wirthmore Baby Chick Starter	G.	17.00	4.00	55.00	.....	.....	5.00	Cod liver oil, cod liver meal, dried buttermilk, dried skim milk, alfalfa leaf meal, fish meal, beef scraps, bone meal, wheat bran, wheat middlings, oats, wheat, corn meal, corn germ meal, calcium carbonate, salt.
St. Albans Grain Co.	F.	18.48	5.17	55.25	9.39	11.71	4.18	
St. Albans, Vt.								
Wirthmore Growing Feed	G.	15.00	4.50	55.00	.....	.....	6.00	Dried buttermilk, dried skim milk, beef scraps, fish meal, bone meal, corn meal, alfalfa leaf meal, wheat, oats, barley, milo maize, wheat bran, wheat middlings, wheat red dog flour, calcium carbonate, salt.
St. Albans Grain Co.	F.	16.78	*3.42*	56.15	10.72	12.93	5.08	
St. Albans, Vt.								
Wirthmore Laying Mash	G.	20.00	4.00	50.00	.....	.....	7.00	Cod liver oil, buttermilk, skim milk, beef scraps, fish meal, corn meal, alfalfa leaf meal, linseed meal, corn gluten feed, wheat bran, wheat middlings, oats, barley, buckwheat, milo maize, calcium carbonate, salt.
St. Albans Grain Co.	F.	*19.38*	5.57	53.39	11.23	10.43	4.82	
St. Albans, Vt.								
Strafford County Mash	G.	17.00	5.00	57.00	.....	.....	10.00	Bran, middlings, oats, corn meal, gluten feed, meat scraps, hominy, cod liver oil.
Strafford County Grain Mill	F.	17.78	5.06	58.32	9.86	8.98	7.39	
Rochester, N. H.								
Ubiko All-Mash Complete Laying Ration..	G.	16.00	3.50	56.00	.....	.....	6.00	Cod liver oil, milk sugar feed, meat scrap, wheat bran, wheat middlings, oats, corn meal, alfalfa leaf meal, corn gluten feed, old process linseed meal, ½% salt, 2% calcium carbonate.
Ubiko Milling Co.	F.	16.02	4.93	60.22	7.19	11.64	5.03	
Cincinnati, Ohio								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
POULTRY FEED (Continued)								
Gold Medal Vitamin Egg Mash	G.	20.00	5.50	53.50	....	.....	7.00	Wheat germ, corn feed meal, meat scraps, buttermilk, corn gluten feed, linseed meal, oat meal, wheat middlings, alfalfa meal, wheat red dog, bone meal, ½% limestone, ½% salt.
Washburn-Crosby	F.	22.06	5.66	55.05	8.49	8.74	6.47	
Minneapolis, Minn.								
Blue Seal Improved All-Mash Ration	G.	15.00	4.50	55.00	.....	.....	4.00	Corn, oats, wheat, bran, flour middlings, meat scraps, alfalfa leaf meal, skim milk, bone meal, molasses, salt, cod liver meal.
H. K. Webster Co.	F.	15.67	4.50	62.26	7.05	10.52	3.53	
Lawrence, Mass.								
Blue Seal Milk Mash	G.	16.50	4.00	56.00	.....	.....	6.00	Corn meal, bran, flour middlings, oats, skim milk, meat scraps, fish meal, bone meal, salt, cod liver meal.
H. K. Webster Co.	F.	19.83	4.49	57.73	8.27	9.68	5.79	
Lawrence, Mass.								
Whitney's Laying Mash	G.	17.00	4.50	55.00	.....	.....	6.00	Wheat bran, corn meal, barley, oat meal, fish meal, meat scraps, dried skim milk, cod liver oil, alfalfa leaf meal, cod liver meal, salt, limestone, charcoal.
K. T. Whitney	F.	17.96	5.41	57.61	8.90	10.12	5.11	
Goffstown, N. H.								
Laying Mash, Storr's Formula	G.	18.00	4.00	50.00	.....	.....	7.00	Corn meal, wheat bran, oats, wheat middlings, meat scraps, alfalfa, manamar.
H. A. Yeaton & Son	F.	18.16	4.51	58.03	8.37	10.93	7.27	
Portsmouth, N. H.								
RABBIT FEED								
Eshelman's Red Rose Rabbit Feed	G.	12.00	3.50	62.00	.....	.....	9.50	Alfalfa meal, oat meal, corn meal, barley, wheat bran, wheat middlings, old process linseed meal, buttermilk, 2% bone meal, ½% calcium carbonate, ½% salt.
John W. Eshelman & Sons	F.	15.59	4.16	64.56	6.01	9.68	8.06	
Lancaster, Pa.								

Rabbit Food	G.	15.00	4.00	.....	.....	.....	6.00	Oats, wheat, wheat bran, soybean meal, linseed meal, beet pulp, milk sugar feed, bone meal, salt, cod liver oil.
Kasco Mills Inc.	F.	17.73	4.10	60.55	8.29	9.33	4.58	
Waverly, N. Y.								
RYE FEED								
Rye Feed	G.	13.50	3.00	.....	.....	.....	6.00	Rye bran, rye middlings, screenings.
Upper Hudson Rye Flour Mills	F.	16.73	3.66	65.12	3.75	10.74	.....	
Troy, N. Y.								
SCREENINGS								
Alpine Ground Standard Screenings	G.	12.00	4.00	.....	.....	.....	8.00	
J. A. Forrest	F.	13.49	4.38	67.87	3.52	10.74	.....	
Minneapolis, Minn.								
Hiawatha "B" Ground Screenings	G.	13.50	5.00	.....	.....	.....	16.00	Grain screenings, flax screenings.
Hiawatha Grain Co.	F.	15.94	9.38	56.49	8.28	9.91	13.87	
Minneapolis, Minn.								
Bran & Wheat Screenings	G.	14.50	4.00	63.00	.....	.....	12.50	Wheat bran, screenings not exceeding mill run.
David Stott Flour Mills	F.	15.63	4.56	61.91	5.66	12.24	.....	
Detroit, Mich.								
SOYBEAN MEAL								
Staley's Soybean Meal	G.	40.00	4.50	.....	.....	.....	7.00	
A. E. Staley Mfg. Co.	F.	42.73	4.66	37.37	5.62	9.62	.....	
Decatur, Ill.								
STOCK FEED								
Pennant Brand Stock Feed	G.	9.50	4.00	70.00	.....	.....	9.50	Hominy, oat middlings, oat hulls, oat shorts, linseed meal, barley, ½% salt, molasses.
E. W. Bailey & Co.	F.	10.42	5.78	69.09	5.11	9.60	9.29	
Swanton, Vt.								
Barco Stock Feed	G.	9.50	4.50	70.00	.....	.....	9.50	White hominy, oat middlings, oat hulls, oat shorts, linseed meal, barley.
G. N. Bartemus Co.	F.	10.77	4.57	70.94	4.51	9.21	9.50	
Concord, N. H.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
STOCK FEED (Continued)							
Concord Stock Feed G. N. Bartemus Co. Concord, N. H.	G. 7.50 F. 8.71	2.80 3.96	70.00 73.12	..... 4.78	..... 9.43	14.45 14.94	Corn meal, oat middlings, oat shorts, oat hulls, ½% salt.
Coweco Stock Feed E. A. Cowee Co. Fitchburg, Mass.	G. 9.00 F. 9.32	4.00 4.31	45.00 69.34	..... 5.66	..... 11.37	11.00 11.48	Hominy, corn, barley, oat middlings, oat shorts, oat hulls, salt, calcium carbonate.
Crosby's Stock Feed Crosby Milling Co. Brattleboro, Vt.	G. 9.00 F. 10.90	4.00 3.88	55.00 70.10	..... 4.09	..... 11.03	12.00 8.93	Hominy meal, oats, linseed meal, oat feed, oat shorts, oat middlings, oat hulls, ½% salt.
J. C. Stock Feed J. Cushing Co. Fitchburg, Mass.	G. 8.00 F. 10.29	4.00 2.85	60.00 73.07	..... 4.65	..... 9.14	15.00 10.52	Oats, corn feed meal, oat meal.
Eastern's Big Value Stock Feed Eastern Grain Co. Portland, Me.	G. 9.00 F. 9.72	3.00 2.88	60.00 71.72	..... 3.39	..... 12.29	10.00 10.17	Corn feed meal, oat feed, flour middlings, ½% salt.
Grandin's Stock Food D. H. Grandin Milling Co. Jamestown, N. Y.	G. 8.50 F. 9.50	4.00 4.39	55.00 72.38	..... 4.29	..... 9.44	12.00 10.36	Corn meal, corn feed meal, hominy feed, wheat middlings, barley, oat middlings, oat hulls, oat shorts, ½% salt, screenings not exceeding mill run.
Stock Feed McQuesten & Lewis Manchester, N. H.	G. 9.00 F. 13.76	3.00 3.59	60.00 68.08	..... 2.98	..... 11.59	12.00 11.03	Corn, hominy feed, linseed meal, barley, low grade wheat flour, wheat bran, wheat middlings, screenings not exceeding mill run, gluten meal, oat hulls, ¾% salt.

Merrimack Stock Feed	G.	9.00	4.00	55.00	.....	.....	11.00	White hominy, oats, oat middlings, oat shorts, oat hulls, ½% salt, 2% calcium carbonate.
Merrimack Farmers' Exchange	F.	9.54	5.01	71.42	5.31	8.72	11.43	
Concord, N. H.								
Purina Stock Feed	G.	9.00	2.30	67.00	.....	.....	12.00	Corn meal, wheat middlings, wheat bran, molasses, oat middlings, oat shorts, oat hulls, 2% salt.
Purina Mills	F.	11.20	3.68	68.38	6.58	10.16	11.24	
Buffalo, N. Y.								
Quaker Sugared Schumacker Feed	G.	10.00	3.00	70.00	.....	.....	12.00	Corn, hominy feed, barley meal, cottonseed meal, linseed meal, low grade wheat flour, wheat middlings, oat middlings, oat shorts, oat hulls, ¾% salt, 1% limestone, 1% bone meal, molasses.
Quaker Oats Co.	F.	10.44	3.43	69.09	6.88	10.16	11.31	
Chicago, Ill.								
Richford White Diamond Stock Feed	G.	9.00	3.00	74.00	.....	.....	14.00	Corn, hominy feed, barley meal, oat middlings, oat shorts, oat hulls, ¾% salt, 1% limestone, 1% bone meal.
Quaker Oats Co.	F.	9.19	3.24	71.21	6.82	9.54	14.89	
Chicago, Ill.								
Wirthmore Stock Feed	G.	9.00	4.00	70.00	.....	.....	9.50	Barley, oats, hominy meal, corn, oat middlings, oat shorts, oat hulls, salt.
St. Albans Grain Co.	F.	10.59	5.09	70.46	3.80	10.06	8.12	
St. Albans, Vt.								
Stratton & Co's Stock Feed 24	G.	7.50	2.83	66.00	.....	.....	14.43	Oat feed, corn bran, corn siftings, corn meal.
Stratton & Co.	F.	8.45	3.68	74.47	3.84	9.56	13.59	
Concord, N. H.								
WHEAT BRAN								
William Tell Bran	G.	13.75	4.00	65.00	.....	.....	12.00	Screenings not exceeding mill run.
Ansted & Burk Co.	F.	13.32	4.13	64.44	6.49	11.62	.....	
Springfield, Ohio								
Spring Wheat Bran	G.	15.00	4.50	.....	.....	.....	12.00	
Buckeye Cereal Co.	F.	15.24	5.05	61.55	6.07	12.09	.....	
Massillon, Ohio								
Copeland's Dandy Bran	G.	15.00	3.50	51.00	.....	.....	11.50	
Copeland Flour Mills	F.	16.64	5.09	59.78	5.16	13.33	.....	
Midland, Canada								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
WHEAT BRAN (Continued)								
Wheat Bran	G.	15.00	3.50	53.00	.....	.....	11.50	
Dominion Flour Mills	F.	15.98	5.40	62.37	4.94	11.31	.....	
Montreal, Canada								
Dairy Maid Bran	G.	12.50	2.50	57.00	.....	.....	13.00	Screenings not exceeding mill run.
Federal Mill Inc.	F.	13.71	3.88	65.45	6.35	10.61	.....	
Lockport, N. Y.								
Lucky Bran	G.	14.00	3.00	60.00	.....	.....	14.00	Screenings not exceeding mill run.
Federal Mill Inc.	F.	16.77	4.99	60.47	6.17	11.60	.....	
Lockport, N. Y.								
Hamco Brand Wheat Bran	G.	13.50	3.00	51.00	.....	.....	12.00	
Frank B. Ham & Co.	F.	13.75	5.02	62.89	6.11	12.23	.....	
Toronto, Canada								
Wheat Bran	G.	13.25	2.90	.....	.....	.....	11.60	Screenings not exceeding mill run.
Wm. Hamilton & Son	F.	14.49	4.04	64.51	5.62	11.34	.....	
Honeoye Falls, N. Y.								
Blackhawk Pure Bran	G.	15.00	3.20	50.00	.....	.....	12.00	
International Milling Co.	F.	17.52	5.26	61.38	4.97	10.87	.....	
Minneapolis, Minn.								
Bran	G.	13.50	3.50	.....	.....	.....	14.00	
M. B. Jones & Co.	F.	15.98	3.76	64.19	5.31	10.76	.....	
New York City								
Wheat Bran	G.	13.50	3.50	.....	.....	.....	14.00	Screenings not exceeding mill run.
M. B. Jones & Co.	F.	16.85	3.45	62.34	5.58	11.78	.....	
New York City								

Big Flake Pure Wheat Bran	G.	15.00	3.50	60.00	.....	.....	11.00	
Kansas Flour Mills Corp.	F.	16.68	3.50	60.81	6.49	12.52	.....	
Kansas City, Mo.								
Lakewoods Wheat Bran	G.	15.00	3.50	53.00	.....	.....	11.50	
Lake of the Woods Milling Co.	F.	15.98	5.53	62.03	4.86	11.60	.....	
Montreal, Canada								
Angelus Wheat Bran	G.	15.50	4.00	63.00	.....	.....	11.50	Wheat bran, screenings not exceeding mill run.
Middleport Flour Mills	F.	15.50	5.60	61.74	6.19	10.97	.....	
Middleport, N. Y.								
Bessie Anna Bran	G.	16.00	3.50	59.00	.....	.....	10.00	
Midland Flour Milling Co.	F.	17.64	4.01	60.53	6.56	11.26	.....	
Kansas City, Mo.								
Pure Wheat Bran	G.	14.00	4.00	62.00	.....	.....	12.00	
Northwestern Consolidated Milling Co.	F.	17.64	4.85	58.57	6.06	12.88	.....	
Minneapolis, Minn.								
Ogilvie's Wheat Bran	G.	15.00	3.50	50.00	.....	.....	11.50	
Ogilvie Mills Co.	F.	15.76	5.56	62.21	5.46	11.01	.....	
Fort William, Canada								
Pillsbury's Wheat Bran	G.	14.00	4.00	63.00	.....	.....	12.00	Wheat screenings not exceeding mill run.
Pillsbury Flour Mills Co.	F.	16.90	5.24	61.56	5.79	10.51	.....	
Minneapolis, Minn.								
Bell Cow Bran	G.	15.00	3.50	67.00	.....	.....	10.00	Wheat bran, screenings not exceeding mill run.
Quaker Oats Co.	F.	16.33	5.49	61.23	5.21	11.74	.....	
Peterborough, Ont.								
Richardson Pure Wheat Bran	G.	15.00	3.50	53.00	.....	.....	11.50	
Jas. Richardson & Sons	F.	16.17	5.50	61.44	5.45	11.44	.....	
Montreal, Canada								
Wheat Bran	G.	13.00	4.00	50.00	.....	.....	13.00	
James Richardson & Sons	F.	16.11	4.36	62.60	6.08	10.85	.....	
Montreal, Canada								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
WHEAT BRAN (Continued)							
Superior Wheat Bran	G. 15.00	3.50	59.50	.....	.....	11.50	
Robin Hood Mills Ltd.	F. 17.43	5.84	60.63	5.34	10.76	.....	
Moose Jaw, Canada							
Occident Bran	G. 14.00	4.00	61.50	.....	.....	11.50	
Russell-Miller Milling Co.	F. 17.12	5.72	61.10	5.25	10.81	.....	
Minneapolis, Minn.							
Bran	G. 15.00	3.50	51.80	.....	.....	11.50	
Standard Milling Co. of Canada	F. 15.02	5.23	64.05	5.28	10.42	.....	
Toronto, Ont.							
Crescent Wheat Bran	G. 14.00	3.00	63.00	.....	.....	12.00	Screenings not exceeding mill run.
Star & Crescent Milling Co.	F. 15.46	4.15	62.51	7.05	10.83	.....	
Chicago, Ill.							
Bran	G. 15.00	3.00	45.00	.....	.....	10.00	Mill run screenings.
F. W. Stock & Sons	F. 21.37	5.08	56.90	5.11	11.54	.....	
Hillsdale, Mich.							
Stratton & Co.'s Fancy Bran	G. 14.00	4.00	64.00	.....	.....	11.00	
Stratton & Co.	F. 15.00	4.31	64.67	5.75	10.27	.....	
Concord, N. H.							
Bran	G. 15.00	3.50	.....	.....	.....	11.50	
St. Lawrence Flour Mills Co.	F. 16.64	4.94	60.74	5.24	12.44	.....	
Montreal, Canada							

Wheat Bran	G.	15.00	4.00	.....	.....	.....	11.00	Screenings not exceeding mill run.
Tennant & Hoyt Co.	F.	16.17	5.35	60.80	5.89	11.79	.....	
Lake City, Minn.								
Rowena Pure Wheat Bran	G.	12.25	3.75	66.00	.....	.....	11.00	
Valley City Milling Co.	F.	14.63	4.29	65.04	5.78	10.26	.....	
Grand Rapids, Mich.								
Voigt's Pure Winter Wheat Bran	G.	14.00	3.00	49.00	.....	.....	10.00	
Voigt Milling Co.	F.	16.15	3.74	59.84	5.56	14.71	.....	
Grand Rapids, Mich.								
Gold Medal Wheat Bran	G.	14.00	4.00	63.00	.....	.....	12.00	Mill run screenings.
Washburn Crosby Inc.	F.	15.63	5.26	62.43	5.61	11.07	.....	
Minneapolis, Minn.								
Pioneer Wheat Bran	G.	14.00	3.50	.....	.....	.....	12.00	
Western Canada Flour Mills Co.	F.	17.69	4.56	62.11	5.08	10.56	.....	
Calgary, Canada								
WHEAT MIDDLINGS								
William Tell Middlings	G.	14.75	4.00	66.00	.....	.....	6.50	Screenings not exceeding mill run.
Ansted & Burk Co.	F.	15.64	4.63	65.00	4.06	10.67	.....	
Springfield, Ohio								
William Tell White Middlings	G.	13.50	3.00	.....	.....	.....	5.50	Low grade flour, wheat middlings, corn bran,
Ansted & Burk Co.	F.	*12.30*	4.83	69.90	2.31	10.66	.....	screenings not exceeding mill run.
Springfield, Ohio								
Argentine Standard Middlings	G.	14.00	4.00	52.00	.....	.....	9.50	Ground screenings not exceeding mill run.
Chas. M. Cox & Co.	F.	19.04	4.36	62.00	4.62	9.98	.....	
Boston, Mass.								
Eshelman's Flour Middlings	G.	16.00	4.00	.....	.....	.....	6.00	Screenings not exceeding mill run.
John W. Eshelman & Sons	F.	16.51	3.89	65.47	3.22	10.91	.....	
Lancaster, Pa.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
WHEAT MIDDLINGS (Continued)								
Lucky Wheat Middlings	G.	15.00	4.50	56.00	.....	.....	9.50	Screenings not exceeding mill run.
Federal Mill Inc.	F.	17.16	4.45	63.21	3.60	11.58	.....	
Lockport, N. Y.								
Sphinx Fancy Flour Middlings	G.	14.50	4.00	59.00	.....	.....	6.00	Second clear wheat flour, screenings not exceeding mill run.
Federal Mill Inc.	F.	18.21	4.51	62.87	3.52	10.89	.....	
Lockport, N. Y.								
Dairy Maid Middlings	G.	13.00	4.50	58.00	.....	.....	8.00	Screenings not exceeding mill run.
Federal Mill Inc.	F.	14.41	4.50	67.16	3.29	10.64	.....	
Lockport, N. Y.								
Wheat Middlings	G.	14.90	4.90	.....	.....	.....	5.40	
Wm. Hamilton & Son	F.	16.86	4.96	63.46	3.80	10.92	.....	
Honeoye Falls, N. Y.								
Mother Hubbard Wheat Flour Middlings	G.	17.50	5.50	60.00	.....	.....	6.00	
Hubbard Milling Co.	F.	18.03	5.58	61.10	4.01	11.28	.....	
Mankato, Minn.								
Manchester Middlings	G.	14.00	4.00	55.00	.....	.....	11.00	
McQuesten & Lewis	F.	15.24	3.75	66.07	3.49	11.45	.....	
Manchester, N. H.								
Angelus Wheat Middlings	G.	15.50	4.50	66.00	.....	.....	7.00	Screenings not exceeding mill run.
Middleport Flour Mills	F.	17.91	5.38	61.25	3.85	11.61	.....	
Middleport, N. Y.								

Palmo Midds	G.	16.00	7.00	.....	.....	.....	9.00	Screenings not exceeding mill run, palm oil.
Newsome Feed & Grain Co.	F.	*15.45*	11.41	60.57	5.41	7.16	.....	
Pittsburgh, Pa.								
Wheat Flour Middlings	G.	14.00	4.00	.....	.....	.....	6.00	Screenings not exceeding mill run.
Park & Pollard Co.	F.	14.40	4.10	66.54	3.43	11.53	.....	
Boston, Mass.								
Pillsbury's Standard B Middlings	G.	15.00	4.00	62.50	.....	.....	9.50	Wheat middlings, screenings not exceeding mill run.
Pillsbury Flour Mills	F.	16.02	5.46	63.16	4.47	10.89	.....	
Minneapolis, Minn.								
Alta Middlings	G.	15.00	4.50	61.50	.....	.....	8.50	
Russell-Miller Milling Co.	F.	17.73	5.56	61.69	3.68	11.34	.....	
Minneapolis, Minn.								
Occident Standard Middlings	G.	15.00	4.00	59.50	.....	.....	9.50	
Russell-Miller Milling Co.	F.	18.12	5.93	61.29	4.72	9.94	.....	
Minneapolis, Minn.								
Wirthmore Flour Middlings	G.	15.00	4.00	50.00	.....	.....	6.00	Wheat middlings, wheat red dog flour, mill run of screenings.
St. Albans Grain Co.	F.	16.91	4.09	64.88	3.11	11.01	.....	
St. Albans, Vt.								
Middlings	G.	16.00	4.00	50.00	.....	.....	7.00	
F. W. Stock & Sons	F.	20.62	4.72	59.73	3.93	11.00	.....	
Hillsdale, Mich.								
Pennant Wheat Middlings	G.	15.00	4.00	63.70	.....	.....	9.00	Wheat middlings, screenings not exceeding mill run.
David Stott Flour Mills	F.	17.82	5.02	61.66	4.27	11.23	.....	
Detroit, Mich.								
Stott's Fine Flour Middlings	G.	14.50	3.70	65.40	.....	.....	6.00	Screenings not exceeding mill run.
David Stott Flour Mills	F.	17.16	3.70	64.29	2.88	11.97	.....	
Detroit, Mich.								
Stratton's Fancy Fine White Middlings...	G.	16.20	4.26	66.00	.....	.....	8.50	
Stratton & Co.	F.	*13.31*	*3.48*	68.87	2.19	12.15	.....	
Concord, N. H.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
WHEAT MIDDLINGS (Continued)								
Rowena Wheat Middlings	G.	13.00	4.50	54.00	.....	.....	5.75	Screenings not exceeding mill run.
Valley City Milling Co.	F.	13.88	4.30	66.84	3.67	11.31	.....	
Grand Rapids, Mich.								
Gold Medal Flour Middlings	G.	16.00	4.00	62.00	.....	.....	6.00	Flour middlings, mill run wheat screenings.
Washburn Crosby Co.	F.	18.58	4.73	62.26	3.72	10.71	.....	
Minneapolis, Minn.								
Gold Medal Standard Middlings	G.	15.00	4.00	62.50	.....	.....	9.50	Mill run screenings.
Washburn Crosby Co.	F.	17.44	5.37	62.75	4.42	10.02	.....	
Minneapolis, Minn.								
WHEAT MIXED FEED								
William Tell Mixed Feed	G.	14.50	4.00	67.00	.....	.....	9.00	Wheat mixed feed, screenings not exceeding mill run.
Ansted & Burke Co.	F.	14.81	4.30	65.06	5.22	10.61	.....	
Springfield, Ohio								
Capital Mixed Feed	G.	14.00	3.00	60.00	.....	.....	7.00	Wheat bran, second clear flour.
E. W. Bailey & Co.	F.	16.42	4.33	63.17	3.98	12.10	.....	
Swanton, Vt.								
Barco Mixed Feed	G.	14.00	3.00	60.00	.....	.....	7.00	Wheat bran, second clear flour.
G. N. Bartemus Co.	F.	17.90	4.19	63.16	3.56	11.19	.....	
Concord, N. H.								
Brook's Fancy Mixed Feed	G.	15.00	5.00	66.00	.....	.....	8.00	Wheat bran, low grade flour.
Caledonia Mills Inc.	F.	16.90	4.10	63.56	3.50	11.94	.....	
St. Johnsbury, Vt.								

Coweco Mixed Feed	G.	15.00	4.00	.....	.....	.....	7.00	
E. A. Cowee Co.	F.	16.46	4.38	65.97	4.30	8.89	.....	
Fitchburg, Mass.								
C. Mixed Feed	G.	15.50	4.00	60.00	.....	.....	8.00	Wheat bran, wheat middlings, wheat feed flour.
J. Cushing Co.	F.	16.24	4.49	64.01	4.24	11.02	.....	
Fitchburg, Mass.								
Dairy Maid Mixed Feed	G.	12.50	3.50	57.00	.....	.....	10.00	Wheat bran, wheat middlings, screenings not exceeding mill run.
Federal Mill Inc.	F.	14.94	4.06	65.96	4.94	10.10	.....	
Lockport, N. Y.								
Our Special Mixed Feed	G.	14.00	4.00	55.00	.....	.....	10.00	Wheat bran, wheat red dog flour, screenings not exceeding mill run.
E. C. & W. L. Hopkins Inc.	F.	17.25	4.86	62.88	4.48	10.53	.....	
Greenfield, N. H.								
Wheat Mixed Feed	G.	14.00	3.80	52.00	.....	.....	10.00	Screenings not exceeding mill run.
Judith Milling Co.	F.	17.70	5.54	61.02	4.55	11.19	.....	
Lewiston, Montana								
Winter Wheat Mixed Feed	G.	15.00	4.00	65.00	.....	.....	7.00	Screenings not exceeding mill run.
Loudonville Milling Co.	F.	15.19	4.87	62.21	5.45	12.28	.....	
Loudonville, Ohio								
B-B Bull Brand Heavy Mixed Feed	G.	15.00	4.00	.....	.....	.....	8.00	Red dog flour, wheat bran, wheat middlings, screenings not exceeding mill run.
Maritime Milling Co.	F.	16.77	4.95	61.25	5.30	11.73	.....	
Buffalo, N. Y.								
Merrimack Heavy Wheat Feed	G.	15.00	4.00	55.00	.....	.....	9.00	Wheat bran, mill run screenings, wheat white middlings.
Merrimack Farmers' Exchange	F.	16.94	5.60	61.73	4.29	11.44	.....	
Concord, N. H.								
Improved Mixed Feed	G.	16.50	4.00	60.00	.....	.....	8.00	Bran, red dog, middlings.
New England Grain Co.	F.	16.86	3.74	65.65	4.29	9.46	.....	
Portland, Me.								
Planet Feed	G.	15.00	4.00	63.00	.....	.....	8.00	Wheat bran, red dog, wheat flour.
Northwestern Consolidated Milling Co.	F.	19.35	4.86	59.12	4.31	12.36	.....	
Minneapolis, Minn.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
WHEAT MIXED FEED (Continued)								
Pillsbury's Fancy Mixed Feed	G.	15.00	4.00	63.50	.....	.....	8.50	Wheat red dog, wheat bran, screenings not exceeding mill run.
Pillsbury Flour Mills	F.	18.25	4.96	62.09	3.96	10.74	.....	
Minneapolis, Minn.								
Occident Mixed Feed	G.	15.00	4.50	61.50	.....	.....	9.50	Bran, red dog, middlings.
Russell Miller Milling Co.	F.	16.07	5.37	62.98	5.01	10.57	.....	
Minneapolis, Minn.								
Wirthmore Wheat Feed	G.	15.00	4.50	50.00	.....	.....	8.00	Wheat bran, wheat feed flour, mill run of screenings.
St. Albans Grain Co.	F.	16.72	4.54	63.69	3.89	11.16	.....	
St. Albans, Vt.								
Monarch Fancy Wheat Feed	G.	16.00	4.00	50.00	.....	.....	10.00	Mill run screenings.
F. W. Stock & Sons	F.	16.94	4.74	61.00	4.93	12.39	.....	
Hillsdale, Mich.								
Superior Wheat Feed & Wheat Flour	G.	16.00	4.50	50.00	.....	.....	7.00	Mill run of screenings.
F. W. Stock & Sons	F.	19.13	3.49	62.48	3.61	11.29	.....	
Hillsdale, Mich.								
Columbus Heavy Mixed Feed	G.	14.50	3.70	63.50	.....	.....	8.50	Wheat flour, bran, middlings, screenings not exceeding mill run.
David Stott Flour Mills	F.	15.94	4.85	63.60	4.17	11.44	.....	
Detroit, Mich.								
Stratton & Co.'s Mixed Feed	G.	13.50	4.11	63.00	.....	.....	7.13	Screenings not exceeding mill run.
Stratton & Co.	F.	15.11	4.22	65.11	5.26	10.30	.....	
Concord, N. H.								
Rowena Mixed Feed	G.	15.25	3.00	61.50	.....	.....	7.00	
Valley City Milling Co.	F.	15.27	4.03	65.10	4.74	10.86	.....	Screenings not exceeding mill run.
Grand Rapids, Mich.								

Gold Medal Fancy Mixed Feed	G.	15.00	4.00	65.50	.....	.....	7.50	Bran, mill run screenings, low grade wheat flour.
Washburn Crosby Co.	F.	16.07	4.08	64.07	4.49	11.29	.....	
Minneapolis, Minn.								
WHEAT RED DOG FLOUR								
Red Dog	G.	16.00	4.00	63.00	.....	.....	4.00	
Buffalo Flour Mills Corp.	F.	21.27	4.97	58.56	3.34	11.86	.....	
Buffalo, N. Y.								
Mother Hubbard Sterling Wheat Red Dog	G.	17.00	4.50	61.00	.....	.....	4.00	
Hubbard Milling Co.	F.	17.69	4.50	62.94	2.89	11.98	.....	
Mankato, Minn.								
Blackhawk Wheat Red Dog	G.	16.00	3.50	64.00	.....	.....	4.00	
International Milling Co.	F.	*14.94*	*2.99*	68.24	1.66	12.17	.....	
Minneapolis, Minn.								
Red Dog	G.	16.00	4.00	62.00	.....	.....	4.00	
Minneapolis Milling Co.	F.	19.13	4.22	62.29	2.72	11.64	.....	
Minneapolis, Minn.								
XXX Comet	G.	16.00	4.00	62.00	.....	.....	4.00	Red dog wheat flour.
Northwestern Consolidated Milling Co.	F.	18.75	4.90	63.01	2.54	10.80	.....	
Minneapolis, Minn.								
Pillsbury's XX Daisy	G.	16.00	4.00	.....	.....	.....	4.00	Wheat red dog.
Pillsbury Flour Mills Co.	F.	19.83	5.09	60.75	2.80	11.53	.....	
Minneapolis, Minn.								
Stag Flour	G.	14.00	1.50	71.20	.....	.....	2.00	Low grade wheat flour.
David Stott Flour Mills	F.	14.75	1.97	69.79	0.94	12.55	.....	
Detroit, Mich.								
Gold Medal Adrian Red Dog	G.	16.00	3.50	64.00	.....	.....	4.00	
Washburn Crosby Co.	F.	17.12	4.19	64.40	2.72	11.57	.....	
Minneapolis, Minn.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
WHEAT SHORTS							
Copeland's Dandy Shorts	G. 16.00	5.00	54.00	.....	.....	8.00	
Copeland Flour Mills Midland, Canada	F. 18.17	5.60	61.25	4.06	10.92	.....	
Wheat Shorts	G. 16.00	5.00	58.00	.....	.....	8.00	
Dominion Flour Mills Montreal, Canada	F. 17.33	6.02	61.75	4.11	10.79	.....	
Hamco Brand Wheat Shorts	G. 15.00	3.50	52.00	.....	.....	10.50	
Frank B. Ham & Co. Toronto, Canada	F. 16.51	5.14	63.63	3.89	10.83	.....	
Lakewoods Wheat Shorts	G. 16.00	5.00	.....	.....	.....	8.00	
Lake of the Woods Milling Co. Montreal, Canada	F. 16.60	5.53	63.28	3.94	10.65	.....	
Ogilvie's Wheat Shorts	G. 15.00	5.00	54.00	.....	.....	8.00	
Ogilvie Flour Mills Co. Montreal, Canada	F. 16.77	5.32	63.43	4.17	10.31	.....	
Bell Cow Shorts	G. 15.00	4.00	65.00	.....	.....	8.00	Wheat shorts, screenings not exceeding mill run.
Quaker Oats Co. Peterborough, Ont.	F. 17.56	5.45	62.06	3.84	11.09	.....	
Superior Wheat Shorts	G. 17.00	5.00	60.00	.....	.....	8.00	
Robin Hood Mills Moose Jaw, Canada	F. 20.34	6.03	57.93	4.37	11.33	.....	
Alpine Canadian Pure Shorts	G. 15.00	4.00	.....	.....	.....	10.00	
Sheffield Elevator Co. Minneapolis, Minn.	F. 19.17	6.35	59.25	4.37	10.86	.....	
Pioneer Shorts	G. 16.00	5.00	.....	.....	.....	8.00	
Western Canada Flour Mills Calgary, Canada	F. 17.96	5.35	61.53	3.99	11.17	.....	